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<210> 3231

<211> 2495

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(662)

<223> similar to gi5901836 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3231

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<210> 3232

<211> 958

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(53)

<223> similar to gi2828710 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3232

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aagaaattga	agctattgaa	agtgattctt	ttgttcagca	gacattcaga	tcaagtaaag	900
aagtcaaaaa	gtcagtgga	cctaattggag	tgaaacaggc	acctttaaca	tcaggacg	958

<210> 3233

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (71)...(651)

<223> similar to gi5732634 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3233

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tgtcagagcc	ccctgtgtac	tgtaacctgg	tggaccttcg	ccgctgtcct	cggteccccac	180
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<210> 3234
 <211> 1938
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (183)...(985)
 <223> similar to gil93527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3234
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 cctctgggaa aaaaaaaaa 1938

<210> 3235
 <211> 2186

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (2175)...(1949)
 <223> similar to gi288145 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3235

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<210> 3236
 <211> 1257

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1258)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1210)...(840)
 <223> similar to gi930045 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3236

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agccacctgg	aggtctcttc	gggcgagcct	tgagtgcccc	ctggccgccc	ggccagggaag	1140
ctgtgagcca	gcagcgcctc	cttggtgtgc	tcgtcctgcg	cgcgcagggc	cagggcgatg	1200
agcagctccg	gaattccncc	gcnctgacta	aggtctcaaa	anncnagggt	gatctat	1257

<210> 3237
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (150)...(684)
 <223> similar to gil532033 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

gagcccagag	acagctagga	gtcagagaca	cacagggcct	ccactgcgtc	actcagaccc	1380
tggttgacac	ctcccacggc	gaggaggcag	ttcttgacga	ctatgctgga	gcaggcacag	1440
cggggtgtgg	gcatggcagg	gaggatctcc	catttgttct	tccttgggtg	gaatgcttcc	1500
gccgtctcca	ggacagtggg	ttgattccca	agtccccag	ccactatgac	ccgtccactc	1560
agagagccag	ccacaaaatc	tgccccccgc	ttcttgagga	agaacgatcg	ttccatcttc	1620
agccatcccc	cctgttccat	gtcgaacacg	tccatcgctc	gcaggaactt	gggctgccgg	1680
tagaggcgac	cttgccgcag	gcctcctagg	ctgtacaagt	ggttgtccag	ggtcacaaag	1740
ctggagaagg	cccgtttata	gggaatggtg	ggaaacttgg	tccaggagcg	agtctcgatg	1800
tcaaagacct	cgaagcggtt	gaccgcgtac	ttggactgtc	gtccccccag	cacgtagatc	1860
ttggagcctc	ggaggaagga	ggtggcagca	tatctcgggg	tgggcatggg	tgctagggac	1920
acccacatgt	ccttcagcat	gtcatagtgt	tggaggtggt	tgtgtggacg	taggtccagg	1980
cccatcccg	ctgccgcata	tactcggtaa	tctttggccg	tgacagaaat	gcccattggc	2040
gcctcacgca	gcatgctcct	cttcttccac	ttgccctcat	cgatgttgta	catctccacg	2100
accttcagg	gcagctgatt	ggtgcccacg	cccccaatca	ccatgatccg	cttccccagg	2160
gcggtgacgg	ccacccccgc	ccgggctgtg	ggcagccggg	gcaaggcggt	ccactggtcg	2220
gcctccgggg	agtagacctc	gaagcagtc	atggggacgc	cgttgtcgtc	acatcccccg	2280
atggcataga	cctggccccc	ggtctccagc	agggagcagt	agaccggcg	gctgggcagt	2340
ggcgccaggc	gcttccactg	gaagtccttg	acgttaggca	cctccatggc	agccttgggg	2400
agcgcccg	cgccgggaga	gttgcgagcg	cgggggtcca	ccggctactt	ggcgccggct	2460
cccacggccc	ctatcgact	aaa				2483

<210> 3240
 <211> 2451
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (12)...(1567)
 <223> similar to gi2827886 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3240						
tttcgtcacc	caggcagtc	ctgacgtgtc	ggggaggagc	cgggcgcgga	ggtacgctga	60
gtggagctcg	gggctgcgta	ggggagctga	gccgagcggc	tgggcggggc	tgcccgggcc	120
agcggagggg	agacgtcggg	tgagcggcgg	cgaacatgcg	cttttgacac	attggaggct	180
ttcttgatca	tggttggtga	agatatacca	gatttttcaa	gtttaaagga	ggaaactgct	240
tattggaagg	aactttcctt	gaagtataag	caaagcttcc	aggaagctcg	ggatgagcta	300
gttgaattcc	aggaaggaag	cagagaatta	gaagcagagt	tggaggcaca	attagtacag	360
gctgaacaaa	gaaatagaga	cttgcaaggc	gataaccaa	gactgaaata	tgaagtggag	420
gcattaaagg	agaagctaga	gcataaatat	gcacagagct	ataagcagg	ctcagtgtta	480
gaagatgatt	taagtcagac	tcgggccatt	aaggagcagt	tgcataagta	tgtgagagag	540
ctggagcagg	ccaacgacga	cctggagcga	gccaaaagg	caacaatagt	ttcactggaa	600
gactttgaac	aaaggctaaa	ccaggccatt	gaacgaaatg	cattttttaga	aagtgaactt	660
gatgaaaagg	aatctttgtt	ggtctctgtg	cagagggttaa	aggatgaagc	aagagattta	720
aggcaagaac	tagcagttcg	ggaaagacaa	cagggaagtaa	ctagaaagtc	ggctcctagc	780
tctccaactc	tagactgtga	aaagatggac	tccgccgtcc	aagcatcact	ttctttgcca	840
gctacccctg	ttggcaaagg	aacggagaa	acttttctct	caccgaaagc	tataccaaat	900
ggtttttggt	ccagtcact	aactccctct	gctaggatat	cagcactaaa	catcgtgggg	960
gatctcttac	ggaaagtagg	ggcttttagaa	tccaaattag	cagcttgtag	gaattttgca	1020

aaggaccaag	catcacgaaa	atcctatatt	tcaggggaatg	ttaactgtgg	ggtgctgaat	1080
ggcaatggca	caaagttctc	tcgatcaggg	catacatctt	tcttcgacaa	aggggcagta	1140
aacggctttg	accccgctcc	tcctcctcct	ggtctgggct	cctcgcgtcc	atcgtcagcg	1200
ccgggtatgc	tgcctctcag	tgtgtgagtg	cctagcctcc	aggtgggggc	tcctgccctc	1260
ctccaacaac	ccaggacacc	cacgcctcac	ccctcggtag	ctgggcccag	ccccgtgccc	1320
ctccgtctgc	ctccgcacgg	ctggcagagg	gcaggctgca	tgcagtggcg	gctactgggc	1380
cctgcccagc	cccggaaactc	tgcgcgatat	caatactggc	tattttctct	tctcgcgcta	1440
gtgccgttgg	tttcacatga	ttgcactttt	gtgggtcgca	aggtgataca	tacgtgtatt	1500
acttggtcac	tggatgcaga	agtacccatt	catcacacct	gccccatagc	ccccactctg	1560
ctgtactgat	aggatttagt	tgtgttttag	gacattgcaa	atcttctaga	agttctcccc	1620
caaatcaggt	caatgtgtgc	cctcctgagc	tcccaccag	gcatctccag	tgctcatgat	1680
catgtgtccc	ccaactccac	ccctcacagt	ttgggcctgt	ttctggcaaa	gagtcaggaa	1740
ggttactgaa	ttagggaaca	ttttctgcac	cttctgattt	tacttaagca	gctaccattc	1800
catggacttg	cctcccagag	cagcacaatg	cccgtctgag	ccccacgtgg	caggagcctc	1860
tgggacgggg	cacacacagg	cccagcctct	gtgctgtctc	ctcctctgtg	cgcctcagac	1920
tcgggggtgag	ggaggcgggc	agcctctcgc	cagccttccc	gtccttcagt	tcaacgacat	1980
ctttggagtgc	tttttgtttt	ctcttccaag	ggccgtcccg	ttgtgttagg	aagggtgagt	2040
ggctggttcc	agggtgggccc	ggtgccagct	ccgggggtgga	ctgaacagcg	gcggtctgtcc	2100
ctgtgcatcc	tttgattact	ctcatgctgc	atttactgtt	tacatttgtt	ttattgtaca	2160
taggtttgta	aacattattg	cctgagatat	ttgtatataa	cttgggcttt	gtagctttta	2220
tttattcaga	acgcatacgg	catgttaatg	actctgatgg	tgtcctcctc	tgggcagctg	2280
tataggatca	tcatgtggtt	acaaaaaata	cttccctcaa	aaaaattctt	ttaatgtgga	2340
aacaataaat	ttcacagaaa	aaaaaaaaaa	gggggggccc	ttttaagga	tccttggggg	2400
ggcccaagtt	tacccgggct	tgcaaggtaa	tagctttttc	cttataggga	g	2451

<210> 3241

<211> 1124

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (360)...(926)

<223> similar to gi5478530 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3241

gtccggagtt	cccgggtcga	cagtctccca	gaacaattcc	caggagctcg	gattccaaga	60
gccgcccttg	ccctcgttta	ccttcgctag	tcgccctgca	gccccgccct	gtccggaggc	120
cccgccctcc	atgaatcagc	tgatcccgcg	gacccactgg	gttgccaagc	tcgcgccgga	180
tgcggagcgc	ggtgctgccc	gtggagcttc	aggtcttgat	agactttctg	taaagaagga	240
atgatttggt	gatggagtgt	tcccactgac	cgatggactc	aaagaagaga	agctcaacag	300
aggcagaagg	atccaaggaa	agaggcctgg	tccatatctg	gcaggcagga	tcctttccca	360
taacaccaga	gagattgccca	ggctggggag	gaaagactgt	tttgaggcca	gccctcggag	420
tgaacatgg	agttcttctg	actgaagatg	gtgaggctca	cagctttggg	actcttccct	480
ggagaagtgg	accagtggag	atttgcccaa	gtagcccat	tctagaaaat	gccctgggtg	540
ggcaatatgt	tattactgtg	gcaacaggaa	gcttccatag	tggagcagtg	acagacaatg	600
gtgtcgcgta	catgtgggga	gagaattctg	ctggccagtg	tgcagtagcc	aacccgcagt	660
atgtgccgga	accaaatacct	gtccgcattg	ctgattctga	agccagccct	ttgttagcag	720
tcaggatttt	acaaatggcg	tgtggcgagg	agcacactct	ggcattgtca	ataagcaaa	780


```

agatttgggc atggcggtacc ggctgtcaat tgggtctcat taccactgcc tttccagggg 840
caaagccaca aattgttgaa catcttgctt ggcgagaggg gctctcaact gcctgtgggg 900
cttccacaat taggccttgt tcaatgcctc ccttccaggt attgaagcag tcccaaaacc 960
atgcaacaat gcactcccct ttgagtacta ttactgacaa aaatcacctg gaatttttgg 1020
accgcgttgg tggcccttag ggggacactg acaaaccttt ggagaaagac atgcggcctt 1080
gtcttagccc ctactggaa ccctcacggc agaaaaaaat tgct 1124

```

```

<210> 3242
<211> 1173
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1174)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (50)...(1023)
<223> similar to gi915208 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3242
tttcgtgggc tctggactct gtatctggaa ctggtggcgt cggcccaggt cggcgggaac 60
cccctgaacc ggaggtacgg cagctggaga gaactggcca aggcctctggc cagcaggaac 120
attccagctg tggatccaca cctccagttc taccatcccc agaggctgag cctcgaggac 180
cacgacattg accaaggggt gagcagtaac agcagctact tgaagtggaa caagcctgtc 240
ccctggctct cagagttccg gggccgtgcc aacctgcatg tgtttgaaga ctggtgtggc 300
agctctatcc agcagctcag gaggaacctg catttccac tgtacccccca tattcgca 360
accctgagga agcttgctgt gtcccccaaa tggaccaact atggcctccg catctttggc 420
tacctgcacc cctttactga tgggaaaatc cagtttgcca ttgctgcaga tgacaacgcg 480
gagttctggc tgagcctcga tgaccaggtc tcaggcctcc agctgctggc cagtgtgggc 540
aagactggaa aggagtggac cgccccggga gagtttggga aatttcggag ccaaatttcc 600
aagccggtga gcctgtcagc ctcccacagg tactacttcg aggtgctgca caagcagaat 660
gaggagggca ccgaccacgt ggaagttgca tggcgacgga acgaccctgg agccaagtgc 720
accatcattg actccctctc cctgtccctc ttcaaaaatg agacgttcct acagatggat 780
gaggtggggc acatcccaca gacagcagcc agccacgtgg actcctccaa cgctcttccc 840
agggatgagc agccgcccgc tgacatgctt cggcctgacc cccgggacac cctctatcga 900
gtgcctctga tccccaaagc gcatctccgc cagctcctgc ctgactgtcc ctacaaaccc 960
agctatctgg tggatgggct tcctctgcag cgctaccagg gactccgggt tggtcatctg 1020
tcttttgttt accccaatga ctataccgc ctgagccaca tgggagaccc acaataaatg 1080
tttctaccag ggaaaacgcc tacttaccaa gaccggtgag agacactgag tnggggcagg 1140
gaaggtgacc ttgcagaggg tctgcgggac cat 1173

```

<210> 3243

```

<211> 1308
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1305)...(947)
<223> similar to gi2707600 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3243
gtcgacgatt tcgtgtgctg tcaactcatgg gctggatcct cacgcccctcc tgccctggca      60
gcttgctgcc cgccatccct ccatcaaaat caaagctctg atgcatcctt ccgtgggact      120
gcaggtctct gtagccaatg ggggtgctga gctgggtggag gtttccctcc atctcctggt      180
actgctgggc agagagcagg ctgcgaactg actctgcgct ccggaactgc atggacgagt      240
taagagtgcc catgttgctc agcttctcag acacattcat tccagagtct ttgctgaggt      300
caggcatgga aaatcgggat aggtgctcct ggcgcttggc accaccatca gcagagaggc      360
ctgttgcatc agacagggcc agggattcca tggagccccg aggggtctgc tctgtgggcg      420
tcatgtcctc tgtgtatttc agggaaactga tgggatgacg ggtccgacac tgctgagtgg      480
acaagcccc ttcctcttcc tcttccctccc atatttgggg acttggatgc tgccctcgggt      540
ctcactgaaa ctctgactag acatatcact gtagctctcc tgagatctca gcctccccgg      600
gtaatagtct tctcggcatt ccttgatgaa gctgccagca tgtcctgtca tggccagtga      660
cgagctcctt ttgggggttg tgaagtgctt gccccacatt tcggggtggg cccagcccc      720
ttgccctcct ggactgtagg aagttctgat gttgcaactg ctgaggagct gcagagggct      780
ctgggtctgg ttctgctcca tcttggtccc ataattgtag ggctcttccc ggctcctcca      840
gatgggggtc cggttgaggc tgggtgtctg gctggacagg ctgagcatgt ccatctgcag      900
tgacaggggg tctacgtcgg ctgacagccg gttagaactc acttgcagct ggctgtgctg      960
gttcagcatg ggctcctccg tcttgccctt gttcttgcca attttggcac tgcgccggga     1020
ctccttggcc ctggcattct ggaaggcgga atcagaggag tcagaacatc tggggtcttc     1080
cccagcactg caggccccgt gagcagaata tctggccctg cttcgggagg aatggccgcc     1140
ccaggaggga tttcttgtag tgagcacagc agaaacaggt ctcagtggca tgccagtgtt     1200
ggccgtcata ggtcatttga ccttggtcga tacctatatg ttgggcacag gcgtcacaat     1260
attctgcata ccaggactcg aaacagtggc gacagtaggg gcttctct      1308

```

```

<210> 3244
<211> 1204
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1205)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (3)...(645)
<223> similar to gi643656 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3244
cccccaactg gaaacgaaac ccttccctct tttgaaaggt tttccccctn atgaaaaagg 60
tgggtgcaaga ggatccctcc tacctcccaa gtccctggac tatgaccgct tcagccgcaa 120
cgaaccccat tgggaagggt gtccatcccc cttaaacaagg tggacctgac ccagatgcag 180
accttctgga aggatctgaa gccatgcagc gatgggagtg ggagccgagg ggagctgctc 240
ttgtctctct gctacaaccc ctctgccaac tccatcatcg tgaacatcat caaagcccgg 300
aacctcaaag ccatgggaca tcggggggcac atcagacccc ttacgtgaag gtatggctga 360
ttgtacaaag gacaagcggg tgggagaaga agaagacggt gacgattgaa gaggaacctg 420
aaccocatgt ttcaatgagt ccttcgcctt cgatatcccc acggagaagc tgagggagac 480
gaccatcatc atcactgtca tggacaagga caagctcagc cgcaatgacg tcatcggcaa 540
gatctacctg tcctggaaga gcgggccagg ggaggtgaag cactggaagg acatgattgc 600
ccgtccccgg cagcccgtgg ccagctggca ccagctgaag gcctgagtgg ggccaaggga 660
ggcccagggg gccgagggcc caggtcccca tcatgccctc accactttat gcacaacgcc 720
cggcctgagc cccctgccat agggagggga ggaccctgag ggctcagcca gggaggggtc 780
ccaggactca actgggcccc gtttctagga agtaccagcc ccatccccca cagtccagct 840
ccggggaagg ggctctggga ggcattttcc tgctttgccc cttttcttcc tgacttacta 900
atactaaaga agttggggga gctcgagagc cagacggcca gacaggcaga cccctccaga 960
ggcccgccca ggtgggcatg gtccccatt ttctttaagg cagcacctg gagtggagag 1020
aggccactcc ctctccagcc ccgatgtgg acccggggag gggaggctga ggcgtttggc 1080
ccgggcctgg ccaggagagg cccatcccca gggcagtttc aggtgccggc tgggccctga 1140
atgtcgagga taggcatata gcccgttgct gcggcatgga ggtggtgccg ttccacaatc 1200
ggtc 1204

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```

<210> 3245
<211> 988
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (940)...(636)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3245
gtccgattct cgggagacac gcgtcgttat taacctaaaa gattctgtgt tttgtctata 60
ttgcaaacctc tttggggaag gaaaaaatca actgaaaaat gaaaatgggt gcaaagattg 120
gcaacattta tcacatattc ttagtaaaaca tgaagaaagt gaaatgcaca tcaacaatag 180
tgtaagtac tcaaaattaa aatctgatct gaaaaaaaat aaagctattg atgctgcaga 240
acgcaaatta tatgaaaatg agaaaaatga tgggtgctg ttgttgtaac cgtaatatatc 300
ctgagttggt ttttggcatg atgatcagaa tcttacatta ctacagaaaac atctgtcctg 360
caatagtcag tactattgtg ttgtaagtct cctctacaga gtaacttgca gcagttcctt 420
agcaataagt atgatagcaa ataaatagca aagaatgttt ccattctaaa tctaaaacta 480
attagattca atcatcatta ggcaatgact tcattaggca atgaagatta acaataggta 540
attgttaatc ttcaaaatct atcaatttac acctatttaa aaattggcat ttaatgactg 600
ccatttgatg ggtttgggta atattctgtt cttggccggg cgcaatggct cacgcctgta 660
atccaagaac tttgggaggc tcaggcgggt agatcaattg aggtcagaag ttcaagacca 720

```

gcctggccaa	cgtggcaaaa	cctcgtcttt	actaaaaata	caaaaattag	ccaggtgtgg	780
tggcacacac	ctgtagtccc	agctactcag	gaggctgagg	caggagaatc	gcttgaaccc	840
aggaggcaga	ggttgacagt	agctgagatt	gcaccactgc	agtccagcct	gagcaacaga	900
gcgagagtca	gtctcaaaaag	aaagaaaaat	attatgttct	aattaccttg	aaagaggaaa	960
gaaaggcttg	aattgatcaa	taccagtt				988

<210> 3246
 <211> 1642
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1234)
 <223> similar to gi4405795 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	3246					
ggaattcaaa	tgtatgagca	gcaggtgggtg	aagctgagtg	aggctgcggc	tttggttggg	60
ctttaggagc	aacgggtgta	tgcgcttcac	ctgaggcgct	acaatgacgc	gctgctcatc	120
catgacaccg	tccgcgccgt	ggatgccttg	gctgcgctgc	aggatttcta	tcacagggag	180
cacgtcacta	aaaccagat	cctgtgtgcc	gagcgccggc	tgctggccct	gttcgatgac	240
cgcaagaatg	agctggccca	cttggcaact	catggcccag	agaatccaaa	actggagatg	300
ctggaaaaga	tcttgc aaaag	gcagttcagt	agctctaaca	gccctcgggg	tatcatcttc	360
accgcacccc	gccaaaagcg	acactccctc	ctgctctggc	tccagcagca	gcagggcctg	420
cagactgtgg	acatccgggc	ccagctactg	attggggctg	ggaacagcag	ccagagcacc	480
cacatgaccc	agagggacca	gcaagaagtg	atccggaagt	tccaagatgg	aacctgaac	540
cttctggtgg	ccacgagtg	ggcggaggag	gggctggaca	ttccacattg	caatgtggtg	600
gtgcgttatg	ggctcttgac	caatgaaatc	tccatgggtc	aggccagggg	cgtgcccggg	660
ccgatcagag	tgtatacgcg	tttgtagcaa	ctgaaggtag	ccgggagctg	aagcgggagc	720
tgatcaacga	ggcgctggag	acgctgatgg	agcaggcagt	ggctgctgtg	cagaaaatgg	780
accaggccga	gtaccaggcc	aagatccagg	atctgcagca	ggcagccttg	accaagcggg	840
cggcccaggc	agcccagcgg	gagaaccagc	ggcagcagtt	cccagtggag	cacgtgcagc	900
tactctgcat	caactgcatg	gtggctgtgg	gccatggcag	cgacctgcgg	aaggtggagg	960
gcacccacca	tgtcaatgtg	aaccccaact	tctcgaacta	ctataatgtc	tccagggatc	1020
ctgtggtcat	caacaaaagtc	ttcaaggact	ggaagcctgg	gggtgtcatc	agctgcagga	1080
actgtgggga	ggtctggggg	ctgcagatga	tctacaagtc	agtgaagctg	ccagtgtctc	1140
aagtccgcag	catgctgctg	gagacccctc	aggggcggat	ccaggccaaa	aagtgttccc	1200
gcgtgccctt	ctcgtgcct	gactttgaet	tctcgcagca	ttgtgccgag	aacttgtcgg	1260
acctctccct	ggactgacca	cctcattgct	gcagtgcctg	gtttgggctg	tagggggcgg	1320
gagagtctgc	agcagactcc	aggccctccc	ttcctgaatc	atcagctgtg	ggcatcaggc	1380
ccaccagcca	cacaggagtc	ctgggcaccc	tggttaggc	tcccgaatg	ggaaaacaac	1440
cggaggggcca	gagcttagtc	cagacctacc	ttgtacgcac	atagacattt	tcatatgcac	1500
tgatggaggt	tagggaaact	gaggcaaaaag	aatttgccat	actgtactca	gaatcacgac	1560
attccttccc	taccaaggcc	acttctatct	tttgaggctc	ctcataaaaa	tcaatgaaaa	1620
aatgggatag	aaaaaaaaaa	aa				1642

0040375.012100

<210> 3247
 <211> 1789
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1784)...(1123)
 <223> similar to gil050797 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3247

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atgtccctga	caattagacc	agaaaccaa	aaaaggacaa	atagaaatac	tttccattct	120
gtctatatag	tagtagtttt	gggggtatag	atagtaaaca	ctagtcaaga	atactcgtct	180
aaatatgttg	gtaaaatgta	gtcatcattt	ggcatgtgtt	ttgcttttgt	atataatgaa	240
gttgagctat	cccatctttc	ttctctatgg	aatatagtca	cacaaacaaa	aaagatgaat	300
ctcactagag	gtgggtcttt	atcagaaata	tgccccaatc	tagttaggta	atagaaagaa	360
aatcattttc	tcctcctagg	cctaagattc	ttcatgtaaa	aattataaga	ctgaataaag	420
atcacttcta	agtttctata	attcatgtag	atatatcaat	ttatacatca	tgatgtagac	480
agacagcaag	gctatacttt	ctggctccat	gatgctaggc	ttggccacat	gacttgctta	540
aagcacgtat	gatacatgca	tcttttaaga	gaaaaccgaa	gtgtatttca	tctctttctc	600
tctctgctaa	aacaatcaca	atgtcccaaa	agagatccct	tccttcgcct	ttgatcatgg	660
taagaagatg	acacaaagca	gtgtcacagc	caatcaacag	ctgacatccc	ccaccaggaa	720
atacatcttt	gttggtgtca	ctacagcata	aactaatgaa	agctaattaa	atataagaat	780
ttgctaataa	ttgaggatcc	gtacacaatt	aaacttaaaa	ccaaaaaact	ctaatagaaa	840
actcataatt	taaaatgtga	cataagggga	aataagttaa	aaagcaactt	ttaaaaatta	900
caaaaatagt	atttgtagta	aaataaatgg	acttaaacat	gtaatagaat	tttccctgtg	960
atttctgact	tgaatctttg	aatgactatt	ccaagtaaga	ttcaacattt	ttacagaatt	1020
gttcttcatc	attaagatat	tccaagatta	tatttccacc	attatataaa	ggacaatcct	1080
ccttagcaat	ccaggtttcc	aaagtatgat	ccaagggtaa	ggcttctcct	gaagtaatgt	1140
gacacagcct	taatttctta	gctgtaaatt	tgttattgtc	atttttaagc	ctggctagag	1200
aagcggcaaa	gtctatggcc	tttccaatgc	tccatcggtg	gcaaaagaac	attgggtttgc	1260
tcttctcttt	gctcccttta	ggtaagaaaa	cctgaaagta	aattctttct	gtctgtggta	1320
atgacttatc	gccatcagca	tgcatcttta	atttcatcaa	tgcaaccttt	gcagctgttt	1380
cactattttt	ggcaaccttc	catcgtttac	ttgctgtttc	tcctgtcttg	gaatcaataa	1440
tgtctttaac	aagtttctga	gtggcagcca	ttcgaggctt	tgggatttcc	agtttttcac	1500
actcatgatc	tgactgatga	cgggtgtctca	ggcaaaaatt	cttctcacia	taaggacata	1560
taactgccac	aagttctctc	tcagcacagt	ctttgaaaga	gcatgggtaa	gatgtatggt	1620
gatctgtctt	cagtctctca	ttgattacag	tcacctcagg	acaacctga	gactccctgc	1680
ttctgtgttc	aaggcaaaat	attcctgaac	aatcatcaca	cacaaatgga	agaaaatctc	1740
gctgccggca	atgctccacc	tggcagtgct	gcccgatgtc	caactccgc		1789

<210> 3248
 <211> 2352
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1238)
 <223> similar to gi36603 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3248

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gtgcaggagc	atcacccaga	gagcaggag	gacgtggttg	ttgttctgga	ggatttgcag	180
ctggatcttg	gagaaacagg	acaacagggtg	gacccagacc	agccaaagaa	acaaaaata	240
cttgtggagg	agatggcccc	tctgaaagga	gtacagggaac	agcaggttcg	gcatgagtgt	300
gaagttacaa	agcctgagaa	agagaagggt	gaggagacaa	ggattgagaa	tgggaagctt	360
attgtagtaa	cagactcttg	tggaagagta	gagtcattctg	ggaaaatatc	tgaacccatg	420
gaggctcata	atgagggtc	taacttggaa	aggcatcagg	ccaagcccaa	agagaagatt	480
gagtataaat	gctcagaacg	tgagcagaga	ttcatccagc	acttggacct	gattgaacat	540
gcgagtacac	acacgggaaa	gaaactctgc	gagtcctgatg	tgtgtcagag	ttccagttct	600
acaggacata	agaaagtcct	ctcttaggag	agaaagggtca	tccagtgttc	atggagtttt	660
ggggaaagcc	tttcagagga	gttcacacct	cgtcagacat	cagaaaatcc	atcttgggtga	720
gaagccttat	cagtgcattg	agtgtggcaa	agtcttttagc	cagaatgcag	gccttttgga	780
acatctcaga	attcatactg	gagagaaaacc	ttatctatgt	atccattgtg	gaaaaaat	840
taggcgcagc	tctcacctta	atcgacatca	gagaattcac	agtcaggagg	agccctgtga	900
gtgcaaggag	tgtggaaaaa	ccttttagtca	ggccttactc	ctcaccacc	atcagagaat	960
ccatagtac	tccaaaagcc	atcaatgtaa	cgagtgtgga	aaagctttca	gtttgacctc	1020
agaccttatt	cgacaccaca	gaattcatac	tggagaaaaa	cctttcaagt	gtaacatatg	1080
ccagaaagcc	ttccgactaa	actcacacct	tgctcagcat	gtaagaatcc	acaatgaaga	1140
aaaaccctat	cagtgtagt	aatgtggaga	agccttcagg	caaagggtcag	gtctttttca	1200
acatcagaga	tatcaccaca	aagacaaact	ggcttgatga	ggtgttctct	cctttagaaa	1260
catcagagaa	ggcacattga	ctagcaaaca	gcactttagg	aaaagtcacc	gtagcccact	1320
gtggcatcag	aaaattcttg	ggggctgagt	tggagggtcc	ctgcctctat	tctctctcct	1380
ttgctttcct	tgaagtcagc	tttggaccac	aataatttca	ctgtagatga	tatgctagga	1440
tcaaagttaa	acagcattct	tactgcagg	acatctcaga	gcatgtaaca	taactgcatg	1500
attatatact	ctaagcaata	gagagcttca	tgactgagta	agagttttga	agtcagcagt	1560
gaatcaagt	cccacagatt	tgacaggctta	agcagaacaa	gggaagattg	atatttttgg	1620
atatgtctata	gcagctttct	cctatgaaat	aaaactgatg	atgtttggaa	gtatactact	1680
ctcaaagggtg	tctttaaagt	acagggttaat	ggtgaacatt	ttcccccagt	ggcttcacct	1740
cattcctccc	actggcctta	ccccttcctt	ccccagtggg	agcattttca	aaagcaaaga	1800
taatttttcgc	tgggtgaactt	cagaacttgc	cttcagggtt	agcttcatgt	aattttacca	1860
tttcccatcc	ccattcccca	ccacattatg	tcaagattca	agttataaat	taacgtttta	1920
cttagacttt	gaaagagatt	tcatgagtaa	tttgaatgaa	ccttgctgaa	ttaatctgaa	1980
tagcaactgt	ctgacttgat	aactccagtg	ccagtatagt	ggctgctgca	tagacactat	2040
tcagtaaatg	tctgatgaaa	gaaattggac	tttttccctt	taatactgat	gatgcaattt	2100
tgaaatgttg	cttgttctg	aatacttcgg	aagttaaaca	ataaagtcag	cttgagagg	2160
agatcatgat	ctttatactg	tgaatagcag	aatgtcacag	atgaagaata	ttaaaattag	2220
gggcgtccac	tccaaaacat	atcaccagag	tgacaacttc	agccctcagc	ctctgcaatc	2280
catatatatc	ctggtcttgg	gagtcocatg	aatactgttt	ccttctaata	aagggtttcaa	2340
acaaaaaaaa	aa					2352

<210> 3249
 <211> 5039
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(5040)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (5040)...(955)

<223> similar to gi3043708 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3249

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ctttaaaagg	gcccgcctt	ttttttttt	ttcactgtga	aatatttatt	tttgttttgt	180
agtattaagc	atgattaaac	cagtgcagaa	aaataccaag	tacattgggt	gaacgatgag	240
ctagctgttc	tagtatttgc	tttttgtaat	ccagttaaga	ccatcagcat	atacaacctc	300
atctctaact	caacaatgta	gctgcagggg	aacatgtgga	tacctgtgt	gctctactgg	360
cctccaaagg	cattcagggg	atcctcaaag	atgttggggc	ccttgtgttc	aaatccttgg	420
tcaggtgcgg	cctgtgcaga	tcggcttttt	ggtttnggtt	ggtcttaagc	ctggatactc	480
agaggagaaa	gatgtcnatc	catatcatca	tcanaatata	gaactcatga	agtataatct	540
ctcaccttct	ttctctttcc	cctgcccagg	ccctaagtta	gggttcccat	ccatataaca	600
aagacttctg	gtcaggtggc	atttgctatc	tctgggattc	cctgcccattg	aaagccacaa	660
agagatttct	tcttttacac	accctgaagc	atattatggc	cccagcaagg	ctaactaaat	720
caaactgtgg	tttaaaaaca	aaacaaacca	accactgtga	aatatttatt	tttgttttgt	780
agtattaagc	atgattaaac	cagtgcagaa	aaataccaag	tacattgggt	gaacgatgag	840
ctagctgttc	tagtatttgc	tttttgtaat	ccagttaaga	ccatcagcat	atacaacatc	900
atcactaact	caacaatgta	gctgcagggg	aacatgtgga	tacctgtgt	gctctactgg	960
cctccaaagg	cattcagggg	atcatcaaag	atgttggaca	ccttgtgttc	aaatccttgg	1020
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gagaagatgt	catccatata	atcatcaaat	atagacttgg	cttccacttt	ctttttggac	1140
ttttcctttg	gttttacagt	taagtcagca	aagatatcaa	tgttatcatc	aaataaatta	1200
gattcccaat	gttttctcct	tctctctggg	tttctgagag	ggtttaattg	cttccgtagg	1260
caaaatatat	catccttggt	aagcctcaaa	aatatcggtg	tggtgttaat	atgacatccg	1320
tgctgactat	tgggattttg	tctcattctt	cttgactttc	tgatctgtaa	aggggggtcat	1380
cctcatcttc	caggagagga	aagggatttg	ttttctttgc	tggttttggt	ttagcagact	1440
gaaagagatc	atcatcactg	ctggcctcgc	ctagagcagg	aaacatgggg	ctctttgctt	1500
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cccctctgga	atgaccaga	gactttgcaa	aggggcttct	gtccactcca	ggcacaggac	1680
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gaaggacagg	cacactttcc	agaccgtggc	tccttctgtg	ttcagatgaa	ggaaaagcca	2040
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tcactactct	ctttttctct	tgtaccaaag	gctgggactt	ggcagagctg	aaaagatcat	2280
catcttcata	atccccaaac	aggctcccaa	cacttggtc	taacagcttg	gttttttttg	2340
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gctcttcac	ctggaagaca	cctgtgctct	tgggggtgggc	atcaggaatc	gcagcccttt	2460
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cctcatcaaa	caagctaaga	acagttttgg	ttcttaggct	tggttccttt	gtcccatggg	2580
gatgatgaag	aaaataaatc	agaatgcttg	actgtttcct	gagcagatct	agtcaaaagt	2640
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tcttcgtcac	caaagatatc	ggcagtggat	tggactttgc	gtgtttttaga	aggtttgctg	3540
tgggggtgcc	agaaaaagtc	gtcatcatca	tcaccatcat	catcatcaaa	gaggccagtgc	3600
ggagggggac	cataggggct	tttccttgga	gtgggctgct	caggcttctg	tggctccttc	3660
agtgatggaa	cggaggcagc	accaaacaca	tccgtgtctc	ctaaaaatac	agaaacagct	3720
cctgctggga	ttttctttcc	aggtttggat	gatgaagact	cctccttaac	agaggctcca	3780
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gtcagcttgg	ggggtgcgaa	taagttatcc	tcttcatcgt	ctgaaggagt	tctcctttcc	3960
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tcttctttct	cttcctcagt	gtccacaata	ctgccacgat	cactgcctac	agagccttct	4320
tcaactggaca	gctctccaag	acctacatct	tcttgttcca	tgaacagctt	tgacccaatg	4380
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gcactgtcca	atacttgtaa	gccatagttc	acagcctcct	ggacttttagg	aatgagatct	4560
acttctttct	gctctcgtgt	cttctcctgc	tctgtttttt	ctgcctcagc	cttgagtact	4620
ggctcctcca	cttcttcac	atatacacga	ttctcaatga	actgggtatt	agagagcata	4680
aggaagtcat	tgaagacatt	atgcaggcga	caatctgtgg	ctttgggtttc	ccgaattagt	4740
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ggggtcgtcc	ggttcatcat	cctagccgcc	cggctcggtg	ggctccgaag	ctgccagcac	4980
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<210> 3250
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)

<210> 3254
 <211> 1380
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1370)...(9)
 <223> similar to gill196429 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3254
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 tcttggttaga aagaaaagag agaacatatt tatatttacc tccctcccct ttataacttat 120
 tatattttacc ctcccaaatt gtgattgaac tttgagccat agctaatttc cataatcctg 180
 aatgttcctg tcctatggca ggagatatca tttttggaat aggggtgata atgccaccag 240
 ggctccatat aataggaaca tcagcttccg tctgaatgta ccgtgtatgg ttctctttcc 300
 aatgagtcca tcagcttatt ttataagaag gcccttcagt gcaatttttc ttaaaaaatcc 360
 ccttagggga ccagtcaatg acgattccat aggaattatt ttgtagcacc ccagccttac 420
 ttgctacaca atttcccaa tgccaagcgt ccacaccttc aaaccaaact ctattttggt 480
 tacattcgag tttgtctggt cagaactgct gagtttcagg gctggaatgg ttatatttta 540
 aactttgccc tgaaatcata tataaagtag cctgtgattt attttttcca gggattactg 600
 ccaaccatac ttgtgtgcca atttgtaagc atccagcagc aggtcctagg catattggag 660
 gatattttata tcctattgat atattcattt tcatcccttc ctcattagga tgcacggca 720
 ctctgttatc tatgggctca ggcacgagg ttctgtcatt gttgtacacc tcaataatag 780
 ggtccatcca actcacagac ctaatttaaag gaggaaatgg gacataagtc caataagtaa 840
 aattttgagt tgcttttaca gtagggaggc ttaccgccac agtaagtacc accatcatag 900
 ccaccattag gttactagtt gtttttgatt tgttctgtgc tctcagattg tcctctgcca 960
 tctgtgccag tttcctgatt tgtcccatg ttggagggtc tgcttggtga gtattcttgg 1020
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 ctccccagag tcctctcttc ctgggtgtggc tcatgataga ccttcagatg tttgggtgggc 1140
 acccacagag gcacctgatt gtcacttgga gagacagaag caaatcctct tccccatgta 1200
 attatttttc ctttttccca actctttgta tgtgcatccc tccactgtat atcttgtctg 1260
 gcatttttat tttccttttg tcctgttaag tgttgttcag ctgctgtcat gggctgatcc 1320
 ttttgtaaaa ttacccctt taatgttgat aaagcgaggt gtagttgtgc tggaaaaaaa 1380

<210> 3255
 <211> 1145
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (685)...(885)
 <223> similar to gi4191265 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3255
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tgctttgctt ctttctctcc ttccatatct cttagtgtct ccagagctgc agtacaagtt 120
ggggggatgg actgtaaaag ccagaaatcc caagccacaa gcacgctgca ggtagcaacc 180
ccacacccag caaaacaccg cttcttcctg cccactttcc cctctgcgcc aactgtacac 240
accataccct atgcttgctc atttgggaaa ctggcttcca ggacagcatc tttcctggaa 300
agacagcagg aagctgatgg tcaactcctca actctctctt gtctctgggc agacaggcaa 360
cagcaactgt acatttttaa agggagccat ttctgggagg tggcagctga tggcaacgtc 420
tcagagcccc gtccactgca ggaaagatgg gtccggctgc cccccaacat tgaggctgcg 480
gcagtgtcat tgaatgatgg agatttctac ttcttcaaag ggggtcagat ctggagggttc 540
cggggcccca agccagtgtg ggggtctcca cagctgtgcc gggcaggggg cctgccccgc 600
catcctgacg ccgccctctt cttccctcct ctgcgcgcc tcacctctt caagggtgcc 660
cgctactacg tgctggcccg agggggactg caagtggagc cctactacc ccgaagtctg 720
caggactggg gaggcattcc tgaggaggtc agcggcgccc tgccgaggcc cgatggctcc 780
atcatcttct tccgagatga ccgctactgg cgctcgacc aggccaaact gcaggcaacc 840
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agcgccctgt tctgaaggca cctcctcacc tcagaaactg gtggtgctct cagggcacaa 960
tcatgttccc ccccccggg gcagaacccc tcttagaagc ctctgagtc ctctgcagaa 1020
gaccgggcag caaagcctcc atctggaagt ctgtctgcca aagttccttg aagaatgcag 1080
cattgtcttt gtctgttccc accacatgga ggtgggggtg ggatcaatct taggaaaaag 1140
caaag 1145

<210> 3256
<211> 2096
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (30)...(1048)
<223> similar to gi487783 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3256
tagtccagcg tgggtggaatt ccagaggtga aacctcacgt gtgtgaggag tgtgggcatg 60
gatttatcca gaagtctgct ctcaaatac atcggagaac aactcaggg gagaagcctt 120
atgtgtgtgg ggaatgtggg cggggattta gccggaggat agtcctcaat ggacactgga 180
ggacacacac gggagagaag ccttacacgt gctttgagtg tgggcgaaac tttagcctca 240
agtccgctct tagtgtacat cagaggatag actctgggga gaagccttat gcatgcacgg 300
agtgtgggca aggctttatc acgaaatac agctcatcag acaccagagg acacacacag 360
gagaaaagcc ttatgtctgc ggagagtgtg ggcgaggctt tatagctcag tcaaccctcc 420
actaccaccg gagtacacac tccaaggaaa aaccttatgt gtgcagccag tgtgggcgag 480
gcttttgtga taaatcaact ctctcgcac acgagcagac acattcaggg gagaagcctt 540
atgtgtgtgg ggaatgtggg cggggatttg gccggaagat actcctcaac agacactgga 600
ggacacacac aggagagaaa ccttacgcat gcatcgagtg tgggcgaaac tttagccaca 660

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agtccactct cagcttacat cagaggatac actcggggga gaagccttat gcatgcgtgg 720
agtgtgggca aagctttagg agaaagtcac agctcatcat acaccagaag atacactcgg 780
ggaaaagctt tagaggtgca aggagtggag atgtgatatt agcaacaagt cagccatcag 840
ccacaccagc ggaaatgctt agggagaagc cttgtttgta aggtaatgtg gacagagctg 900
tacgtggaca tcattacttg tcacgtgtca gaggacacac tcgggagaaa ccttcatgga 960
gtgagagtaa ggtgttggtt ggaagtggcc ccttaagaga tacttggagt caaatctatc 1020
cactgtacgc ccacccact cttgttctaa gagctttggg gacagtcttt tgacccttta 1080
cattccttta gatgtgaaga tgacagagat ctaacttctg agagcagagg tgtcaagtga 1140
cggccccctt ggaggaatgg tctttgcatc tgactacttc cttctgcaac tgtgttcttc 1200
cattagcttc catgacactc tcctgcttta tttttttcta catctctagc ctttgcgtgt 1260
tcctctccta cccacacctt agattttact cagagttcag tctccagccc tacaatctga 1320
gggacacctt taccagggtc ccttcctaac cctccagtc ccaatccaag attctttaac 1380
cacactctaa aagttcttca gactcaggac ttaaacaatag ccacgccacc ttggccttca 1440
atgacaggga tctagcaatg ctgcatcatc agccttccaa taccagggtt aagggtattt 1500
taaacacagc tcctcttaaa tcctccaatc tcagtaccca gtgttttagc catgctcggg 1560
tggtctaaatt acatccagga atggtgccag ggcccttagc catttgtctc tcctcacact 1620
ccagggccca tatggcccag gttctgacag tttgccttac tcccttggcc tggggctagc 1680
cctacctgat accctgtgtc aatgagtgtg ccttgagag ctatccactc aggccccagt 1740
gcctctatatt gctaaggagc tctgccacag aaaagaaggg gagagatgtt catgtaacct 1800
caaaatactt aggcttggtt ttgatgctag agaggaaaaa ggacttggag agagagaagg 1860
aatggctggt ccagaggctt ttgtccactc cctctcactg gaagtgggtg atctccaggg 1920
aatccccaag gttagcctgc ttaggggaag ggctaggggt acctggaatg taggatctcc 1980
cccatgcctg gcctaccacc ctaatgtgtc cggaattggt gggttcttgg tcttgctgac 2040
ttcaagaatg aagccgtgga ccctcacggt gagtggtaca attcttaaaa aaaaaa 2096

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<210> 3257
<211> 1142
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(1142)
<223> similar to gi5441615 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 3257
attcacatct tattcagcat caaagaattc acacatgaga gtaagcacat gaatgtaatg 60
aatgtggaaa agctttcagt caaacctcat gccttattca gcatcacaaa atgcatagga 120
aagagaaatc gtatgaatgt aatgagtatg agggcagttt cagtcatagc tcagatctta 180
tcctgcaaca agaagtcctc accagacaga aagcctttga ttgtgatgta tgggaaaaga 240
actccagtca gagagcacat ctagttcaac atcagagcat tcataccaaa gagaactcat 300
gaatgtaatg aagatgggaa gatattttatc aaattcaggc ttcatcagc atctgagagt 360
tcacaccagg gagaaatcat gtatgtactg catgtggtaa agccttcagt catagctcag 420
ccattgctca gcatcagata attcacacca gagagaaacc ctctgaatgt gacgaatgaa 480
gaaaagggtat tagtggttaa ctcttaaatcg actcctgcaa atctatacca gtgagaaatc 540
ttacaaatgt attgaatgtg gcaaattttt catgctatta gtattttcat accttagtca 600
catttggaga attcacatgg gaataaaatt ccattgctgc aatgaatgtg aaaaagccat 660
cagtcaaaga aactaccttg ttagtatca aattcacgcc atgcaaaaag attataaatg 720
taataagcat gtatgtgtgt gaggagattc agtcataacc caacgctcat tcaacatcaa 780

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agaatttata	cctaagagaa	cttatttggg	tgtagtaaat	ggcagatctt	tcaataggag	840
tttaactagt	ctttgtcata	tcagaatatc	catagtagac	aagaatttga	tgtaacgcaa	900
atggaaaaac	tcgacaccac	atttcaggct	ttacccaaca	tcgaaataat	ggagagaaaa	960
ttgttgatta	tttgtttatg	aaattgttaa	tacatagtcc	caatcttttt	cattgcacaa	1020
aaatctaggg	ttgacttggg	aaatgcagtg	acattttctc	atggagtcc	tttatttaaat	1080
atgtattcta	agtaggtacg	tttattttta	ctttttttatt	ataattttga	tattaaaaag	1140
aa						1142

<210> 3258

<211> 1199

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (21)...(545)

<223> similar to gill184790 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3258

ttcagtgtgg	cggaattccc	atcgtggagt	tccacatgac	gactgaggcc	caagccacca	60
tccgcatgga	caccagtgc	agtggcccca	ccgcctggg	cctcagtgc	tgtgccacca	120
gccatgggag	cctgcgcac	caactgctgc	ataagctctc	cttcctgggtg	aacgccttag	180
ctaagcaggt	catgaacctc	ctagtgccat	ccctgcccaa	tctagtga	aaccagctgt	240
gtcccgtgat	cgaggcttcc	ttcaatggca	tgtatgcaga	cctcctgcag	ctgggtgaagg	300
tgcccatttc	cctcagcatt	gaccgtctgg	agtttgacct	tctgtatcct	gccatcaagg	360
gtgacaccat	tcagctctac	ctggggggcca	agttgttgga	ctcacaggga	aaggtgacca	420
agtggttcaa	taactctgca	gcttccctga	caatgcccac	cctggacaac	atcccgttca	480
gcctcatcgt	gagtcaggac	gtgggtgaaag	ctgcagtggc	tgctgtgctc	tctccagaag	540
aattcatggg	cctgttgga	tctgtgcttc	ctgagagtgc	ccatcggtcg	aagtcaagca	600
tcgggctgat	caatgaaaag	gctgcagata	agctgggata	taccagatc	gtgaagatcc	660
taactcagga	cactcccgag	tttttttata	gaccaaggcc	atgccaaagg	ggcccaactg	720
atcgtgctgg	aagtgtttcc	ctccagtga	gccctccgcc	ctttgttcac	cctgggcac	780
gaagccagct	cggaaagctca	gttttacacc	aaaggtgacc	aacttatact	caacttgaat	840
aacatcagct	ctgatcggat	ccagctgatg	aactctggga	ttggctgggt	ccaacctgat	900
gttctgaaaa	acatcatcac	tgagatcatc	cactccatcc	tgctgccgaa	ccagaatggc	960
aaattaagat	ctgggggtccc	agtgtcattg	gtgaaggcct	tgggattcga	ggcagctgag	1020
tctcactga	ccaaggatgc	ccttgtgctt	actccagcct	ccttgtggaa	acccacctct	1080
cctgtctccc	agtgaagact	tggatggcag	ccatcaggga	aggctgggtc	ccagctggga	1140
gtatgggtgt	gagctctata	gaccatccct	ctctgcaatc	aataaacact	tgctgaaa	1199

<210> 3259

<211> 3596

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3381)...(2440)
 <223> similar to gi535518 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3259

gttcagcgtt	gtagaggcta	ctagatttcc	tcaacttgtg	ggtgcatgat	ccaatctctg	60
cctctgtgat	caccttgccct	cctcctcttc	tccctctctg	tatgggtctc	ctcctctgga	120
ggaagagtgt	caggcctctg	agcccaagct	aagccatcgt	atcccctgtg	acctgcacgt	180
acacatccag	atggccagtt	cctgccttaa	ctgatgacat	tatcttgtga	aatgccttct	240
cctggctcat	cctggctcag	aagctcccct	actgagcacc	ttgtgacccc	cactcctgcc	300
tgcagagaaa	ccccctttt	tcttttacct	acccaactcc	tataaaacgg	ccccaccct	360
atgtcccttc	gctgactctc	ttttcggact	cagcccgccct	gcacccagggt	gaaataaaca	420
gctttattgc	tcacacaaa	cctgttttgt	ggtctcttca	cacggacgca	cgtgaaattt	480
ggtgccgcgc	atgaaatttg	gtgccgtgac	tcggatcggg	ggacctccct	tgggagatca	540
atcccctgtc	ctcctgctct	ttgctccgtg	agaaacatcc	acctacgacc	tcaggtcctc	600
agaccgacca	gcccagaata	catctcacca	atttcaaata	cggagcttgc	tacatgtgcc	660
ggaaatctgg	ccactggggc	aaggaatgcc	cgcagcccg	gattcctcct	aagccgcgtc	720
ccatcttgtt	gggacccccc	tgaaaatcgg	actgttcaac	tcacctggca	gccactccca	780
gagcccctgg	aactctggcc	caaggctctc	tgactgactc	cttcccagat	cttctcggct	840
tagcggtga	agactgacac	tgcccgatcg	cctcgggaag	cccctagacc	atcacggacg	900
ccgagcttcg	ggtaactctc	acagtggga	gtaagcccg	ccccttctta	atcaatacag	960
aggctactca	ctccacatta	ccttcttttc	aagggcctct	ttcccttgcc	tccataactg	1020
ttgtgggtat	tgacgggtcag	gcttctaaac	ctcttaaaac	tcccacactc	tgggtgccaac	1080
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atctcattgc	cgcccttctt	cccaatccaa	agcctccttt	gcgtcctcct	cttgtattcc	1260
cccaccttaa	cccacaagta	taagatacct	ctactccctc	cttggtgacc	gatcatgcac	1320
cccttaccat	ctcattaaaa	cctaataccc	cttaccccc	tcaacgcca	tatcccaccc	1380
cacagcatgc	tttaaaaaa	ttaaagcctg	ttatcactcg	cctgctacag	catggccttt	1440
taaagcctat	aaactctcct	taaaattccc	ccattttacc	tgtcctaaaa	ccagacaagc	1500
cttacaagtt	agttcaggat	ctgcgcctta	tcaaccaa	tgttttgcct	atacacccca	1560
tgggtgcaaaa	cccatatact	ctcctatcct	caatacctcc	ctccacaacc	cattattctg	1620
ttctggatct	caaacatgct	ttctttacta	ttcctttcca	cccttcatcc	cagcctctct	1680
tcgctttcac	ttggactgac	cctgacaccc	atcaagctca	gcaaattacc	tgggctgtac	1740
tgctgcaaa	cttcacagac	agccccatt	acttcagtca	agcccaaatt	tcactcctcat	1800
ctgttaccta	tctcggcata	attctcataa	aaacacacgt	gctctccctg	ccaatcgtgt	1860
ctgactgate	tctcaaacc	cagcaccttc	tacaaaacaa	caactccttt	ccttccctagg	1920
catgggttagc	gtggtcagaa	ttcttacaca	agagccagga	ccacaccctg	tagcctttct	1980
gtccaaacaa	cttgacctta	ctgttttagc	ctagccctca	tgtctgcatg	cagcggtgtc	2040
cactgcttta	atacttttag	aggccctcaa	aatcacaaac	tatgctcaac	tcactctcta	2100
cagttctcat	aacttccaaa	atctattttc	ttcctcatac	ctgacgcata	tactttctgc	2160
ttcccagctc	cttcagctgt	actcactctt	tgttgagtct	cccacaatta	ccgttggttc	2220
tggccagac	ttcaatccgg	cctccacat	tattcctgat	accacacctg	acccccatga	2280
ctgtatctct	ctgatccacc	tgacattcac	cccatttccc	catatttctt	tctttctgtg	2340
tctcaccct	gatcacgctt	gattttattga	tggcggttcc	accaggccta	atcgccacac	2400
accagcaaa	gcaggctatg	ctatagtaca	agccactagc	ccgcctctta	gaacctctca	2460
tttccctttc	atcgtggaaa	tctatcctca	aggaaataac	ttctcagtgt	tccatctgct	2520
attctactac	tctcaagga	ttattcagge	cccttccctt	ccccacacat	caagctccag	2580
gatttgcccc	caccagggga	ctggcaaat	agctttacct	caacaatgcc	ctgagggtcag	2640
gaaactaaaa	tacctcttag	tctaaataga	cactttcact	ggataggttag	aggcctttcc	2700
tgcagggtct	gagaaggcca	ccgcagtcac	ttcttccatt	ctgtcagaca	taattcctca	2760
gttttagcctt	cccacctcaa	tacagtctga	taacagacga	gcctttatta	gtcaaatcag	2820


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ccaagcagtt tttcaggctc ttagtattct gtgaaacctt tatatccctt aaggtcctcc 2880
atcttcaaga aaagtagaat ggactaaagg tcttttataaa acacacctca ccaagctcag 2940
ccaccaactt aaaaaggact ggacaatact tttaccactt tcccttctca gaattcaggc 3000
ctgtcctcag aatgctacag ggtacagccc atttaagctc ctgtatagat gctccttttt 3060
attaggcccc agtctcattc cagacaccag agaacaaacc ccctttgact gtaatttttc 3120
attaccttcc ctaatcctat aaaacggccc caccctatct ccctttgctg actctctttt 3180
cggactcagc ccgctgcac ccagggtgaaa taaacagcct tgttgctaca caaagcctgt 3240
ttggtggtct cttcacatgg acgcgcatga aatgtggcgc atgaaatttg gtgccgtgac 3300
tctgatcggg ggacctccct tgggagatca atccccgctc ctctgtctct ttgctccgtg 3360
agaaagatcc acctatgacc tcaggctctc agactgacca gcccaagaaa catctcacca 3420
atttcaaadc cggacccccc tggaaatcgg actgttcaac tcacctggca gccactccca 3480
gagcccctgg aactcttgcc caaggctctc tgactgactc cttcttggt taacggctga 3540
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<210> 3260
<211> 2331
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2164)...(864)
<223> similar to gi4884550 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3260
tttttttttt ttctaggtcc aatggtagtt tttattcccc aggaacaaag ataatgtgga 60
gaagaaactc caaaaggaaa cagagcacgg atgacagaaa tgacaccacg gcagcctggc 120
tcaggagtca ggtagataga tggctgctcc acagtggacc tggatcatgg cctggtttct 180
tggatccaca tttgccccgt ctcttaagtg tccatctcag aggtggagga tggagacagt 240
gaggtggaaa acgtgcttgc tctacacaaa gacaaatgga tcttctattc ccagaggacc 300
agggacacca aaacctccct cttcagaatg gaggtagaca gataaaaatg agaggggctt 360
gagtgtcaca gacaatctga aagtaataat aggggctcac tgtggctggc agaactggta 420
ctgaaatggg gactacaggg gaagcagctt ccagttttat ggtggagagt cagtcctgaa 480
tcaggccctg gggcaattat aaccagagtg ctgtttctag ccacttactt caaaggacta 540
tggctatgtt gaatcagaag ccattatctt tttcccagag gatgcacttc catccctatt 600
tctggcatga tctgtctccc tacgagcctg atcctttaaa aaacagattg gcaagcgacg 660
agaaaaacgg tgcctcacat gcttgagatg tgacagcttc tcctgcaggc aagaacctct 720
cagaacaagg tccttttgta tgagctagat catccaggcc tgtccctgca gaacacacca 780
agactcatcc ctgtactaca ggggtggcctc tggctatggc ctggcacagt gaggacagag 840
gcggggctct gagtcaacat cacaggagg tctcctggag gatgcagggt gagctgctcc 900
cctgataggc tgtgccatcc agggccatgg cctccttgct tctgctgtcc ccagcacac 960
cattcctcgg cttctcagga aacaggccag tgtcgagggt gtccctggccg tagctcctgc 1020
agtggagccg cttctgacag gacaacggaa ggagggacag gagctttggc aacactgggt 1080
aaatggttgc agggttcagg gaccggcctc gcatttctca tgaatggaaa tgtgcttgtg 1140
agtctatggg tggatccatc cacagcagcg ggcctcatgt cctcccttgg cccccagaga 1200
ccccagcccc caccacctc ctacatccca gcagaaaagc atgacagcta cggacacca 1260
aggagctcag agggcaggag cttttctccc taggagtccc cttagggccc tcttggtaaa 1320
cccctccggg gcttcatctg caccgcaatc cccacaccct taccaagtga agtagactga 1380
caaatcaggc cccaccacaa atcactgtgg tggagttgtg agcactgtac cataagtaag 1440

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acaaggaata gaaccgctgc agccctgtgg gcctgggaag agcagaggtg agaacaatta 1500
gcaattcgtt ggcagggcga ttccttgggc accaatctct acttgcccgc atggtcccag 1560
ggtcttggga cccaataccc aacatttccc tggggcctct ggtggcccat cccttagcaa 1620
gacccctgtg aaagccctca aaggaggact ttgagaaaac aagaagatag caagccctgc 1680
cttacttgga gaaggtagtc aagggcatca gtgtggtcac agtggcaacg gttagattgg 1740
tgggcaggga gaagctggac ccattagagg gagaggggtg catgctgaag cccatgctgg 1800
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cacagggtccc atctgggagg aaatataggc cattoctaga caaagcagcc catagccaaa 2160
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taaagcaagg ctccctgccc agccaaacta ccacctctgt ctctctggaa acaaaaggca 2280
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<210> 3261
<211> 1980
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (41)...(1414)
<223> similar to gi2811216 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3261
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ctccgggcct gtgagttagg aaatagaggt tccaagaacc tttcccaaag cccaggagct 180
gtgcccacag ctctggttgc ctggcgggcc ctgggaccga aactcctcag ctctcaaat 240
gagctggtta ctgctcatct cctccagca cccctcttcc ctcatgaaac tcccccaact 300
cagagtcaac agacccagcc tccggtggca ccacaggctc cctcctccat cctgctgcca 360
gcagccccc ccccatcct tagccctgc agtcccccta gccccaggc ctcttccctc 420
tctggcccca gccagcttc cagtgcctg tccagctcct cactgtcatc cctgggggag 480
gatcaagaca gcgtgctgac ccctgaggag gttagccctgt gcttggaaact cagtgagggt 540
gaggagactc ccaggaacag cgtctctccc atgccaaggg ctccctcacc ccccaccacc 600
tatgggtaca tcagcgtccc aacagcctca gatttcacgg acatgggcag gactggagga 660
ggggtggggc ccaagggggg agtcttgcct tgcccacctc ggccctgcct cacccccacc 720
cccagcgagg gctccttagc caatgggttg ggctcagcct ctgaggacaa tgccgccagc 780
gccagagcca gccctgtcag ctccctcgat ggctccttcc tcgctgatgc tcactttgcc 840
cgggccctgg cagtggctgt ggatagcttt ggtttcggtc tagagcccag ggaggcgac 900
tgcgctcttc tagatgcctc atcacctccc tccccacggg atgagatctt cctgaccccc 960
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cacaccacag ggctgggaag ggggatgcct ccctggcccc ctgactctca gatctcttcc 1080
cagagaagtc agctccactg tcgtatgccc aaggctgggt cttctcctgt agattactcc 1140
tgaaccgtgt ccctgagact tcccagacgg gaatcagaac cacttctcct gtccaccac 1200
aagacctggg ctgtggtgtg tgggtcttgg cctgtgtttc tctgcagctg ggggccacct 1260
tcccaagcct ccagagagtt ctccctccac gattgtgaaa acaaatgaaa acaaaattag 1320

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agcaaagctg acctggagcc ctcagggagc aaaacatcat ctccacctga ctccctagcca 1380
ctgctttctc ctctgtgcca tccactccca ccaccagggt gtttttggcct gaggagcagc 1440
cctgcctgct gctcttcccc caccatttgg atcacaggaa gtggaggagc cagagggtgcc 1500
tttgtggagg acagcagtgg ctgctgggag agggctgtgg aggaaggagc ttctcggagc 1560
cccctctcag ccttacctgg gccctcctc tagagaagag ctcaactctc tcccaacctc 1620
accatggaaa gaaaataatt atgaatgcca ctgaggcact gaggccctac ctcatgccaa 1680
acaaagggtt caaggctggg tctagcgagg atgctgaagg aaggagggtg tgagaccgta 1740
ggtcaaaaag accatcctcg tactgttgct actatgagct taagaaattt gataccataa 1800
aatggtaaag acttgagtgc tgtgagatca ttccccggag caccattttt agggggagcac 1860
ctggagagat ggcaagaatt tcctgagtta ggcagggatc aggcatcatc tgacactcag 1920
ggagtgtcac acatttctgt tctgcaatta aagggagaat gaggttcac caccaaattt 1980

```

```

<210> 3262
<211> 1824
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1827)...(319)
<223> similar to gi854124 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3262
tttttttttt ttaaaaggta atagggtgttt attaaaaact ttttcaccca gaggcagtta 60
acatttataa cttaaaaccc agcccactac aaaaagggat gggagcaata aaaactgtgc 120
aacattgacc aaaggacca aacagacgag gcccggaag ggcagccca ggggactggg 180
gtctctctc tcccaggcc cagagcagct gcattgtgga agccgggatg ccccagccc 240
ctggcggggc cctgtgcacc gggcctctcc ggctggggca gggacccccg aaaggccatc 300
agtagtagtg tgtgctcatc gcgcagcctg gacgctcagc cactcactct gctccgccat 360
tgctgaggct gcacccacg gcggctcgat gtgaacgcca gttgccgctc ccgcggtctc 420
cctccagtgt gctctggatt tccttcagga ctctctcatc actgagcaga gcgcgctcca 480
tcaccaggcc gggctgcttc tcctcgccat cactctgagt ccctgagttc ctggctcggc 540
tcggggcctt cttggggccc gcaccgttac caggcggtg gttcttggtt tctgctgaat 600
ccaccagaca ccggggctcc accagccact tgggtggagag agagaagcgc tcaaactccg 660
agggtagat caggtagaag ctttgccat atttggtgaa gacgcaggag gcgatgccac 720
tgacgtcctc ccggcggatg cagctgtagc gcacctgggg cttgagcagg ggcagcgaga 780
ccacctggat gtcgcccagg ttggttaagga ctgccagggt gtgctccccg tagtcctcgg 840
ctcgacgact gccgaagtgg gccacgctga ccgcgcgac tcttgagccc tccagggccg 900
tcagcttcaa cttcagcttg gcactcacct tgggcagcgt gaacaccttg aactgctcct 960
ctgatacgac gagcagctgg ttgcttccct gcatgtcagg gctcttcgac agatcatggg 1020
ccacttcgag gggctcggga aggggtacgc tgtgtccgtc gagcaccagg atgccacca 1080
ccggcgcccc gtgcatcagc tggatctcct tggcctgctc tgcccgcaca ggctcatcca 1140
ttctccgctc ggcgggaggc acacgcaggg agaaggcata gatggtgcc ccattggtgc 1200
cagccacag cgaggggcag tgccgggagc tgtccttcag gtaggtgtca gcaaagtaca 1260
gggtccggac gaagcctgtg aaggagtct ctgccgagcg agcctcgatc ttgcgctgca 1320
caggcgccag ctccatgttc tggaggcctg gccgctcagc cttggcactc cctcctgtg 1380
cctcaggcct cacctctcct ggggggccag ctgggtgccg cttccggctg gacacccggc 1440
tccgacgcat ccggcggaat gactgacgca aggacttctt gagggacttg acgcgggaga 1500
gtggggccctc caaggccagc tgggtctctgg ggtgcagtgt gcacttaaca aagacctgcc 1560

```

```

gccgctgctg gtggtcaaag aggccaaagc catggctggt gccgaaggcc acgagccgcc 1620
actcagagtg cagggccaag gaggtgacca cagccggggg ctgacactgc accaacacga 1680
agggctgaaa gccaggctca aagcgcacgg gccctgagcg ggctgccagg cgctcgtgcc 1740
ccttccagcg gtagccctct tgggtcaaaaa gcaggtgaag ctccacctgc tccacagcca 1800
gctccgctgc ctcgtcattc agtt 1824

```

```

<210> 3263
<211> 1299
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (302)...(1272)
<223> similar to gi5917666 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3263
ctgtggtgga attcgtacct ctgagtgtcc tctaggatct cagctggtgc ctaacaatga 60
cctcttttaga ctcagctcat ttctactgct acatcttcaa gccattctcc tgccctcttg 120
caacctctag tggcccagct tctgcctcac agcagcctct ccatgcatgc ctagctcctg 180
cctcttttagg gaactttacag gcctaaaact ttcttaattt gggcttctca ggcccagctc 240
ctgccttctg ttggcctcta caggcctggc atcatccttt caacagcctc tttaggcccc 300
gcctctccag gacaaaaaca tccttaagtc aacctcacca ggcccggctc ctgtctcctt 360
gcggcctcca gaggcgagc ttttgctgc caatggcctc tctagcccca gcttttgct 420
gccaatggcc tctctagccc cagcttctgc ctttcatcgg tctctccagg cttagctcct 480
ttctcttcac ggccctctga ggccataaac ttctcaatt tggcatctcc aggccagct 540
cctgcctcca ggccgctct gcaggcctat ctcaagcctt acaacagcct ctttaccccc 600
agctcctttc tccgacttgt ctctccaggc ctagaacttc ctcatgttta cctcaccagg 660
cccacctct gccttccagt agcgtctaca agtttggtc ctgcctccca tggatctctc 720
caggcccca aactttctca gtcaacctca ccaggcccgg cttctccctt tcatcagcct 780
tccaaaggcc agcttttgct tcatgtctgc cttccgagtc ccagctcctg ttttatggca 840
gcctcctgag gccagctcc tgccctcctag tggcctcttt tggcccaact ctttcctcac 900
cagggccttc cagaccagt tcctgccttt tagcagccac tacaggcca gctttgcgtc 960
ctttcaagag tcctgcctca cagtggcctc ccaagggcaa ctttctgcct catgtcagcc 1020
tcttggtgcc tggctctgct tcctggtaga ctctgcaggc cctgctcctg ccttacgttg 1080
ccccctttat aaagatccag ttctgcctc ctggctgcct ctatgagccc aaatcctgcc 1140
taacaacaac ctgtttttgc ccagctcctg cttcctggca gcctccttag gccaaaaatt 1200
tccttcagtt gacctctcca ggccatcct cctgcctctc agcaccctct ttaggccag 1260
ctcctgcctt aataaatttg aataaattat tgttatgtg 1299

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```

<210> 3264
<211> 2188
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (74)...(2141)
 <223> similar to gil015321 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3264

gtacagtgcg	gtggaattcg	ctgaccatga	gccgctgggg	gttcatgtct	gggctctgaa	60
cccctttagg	ctggttcttc	gtcggatcct	gcgtcgagct	gtgctgttct	tcatggagat	120
cttaaaggca	ccacctggct	tcctaggcag	cctgggtac	gtagtgttg	agacactggg	180
agatgcttat	ccagaactgc	aaagggaactc	agcccagatc	gccaacctgg	tgtcagagga	240
cgaggcagcc	ttcctggcct	ccctggagcg	gggtaggcgg	atcattgatc	ggactctgag	300
gacctggggg	ccttcagata	tgttccctgc	tgaagtggcc	tggtccttgt	caactgtgtg	360
agacctggga	ctcccccttg	acatggtaga	gctgatgctg	gaggagaaaag	gggtccagct	420
agactccgct	ggactggagc	ggttggccca	agaggaggcc	cagcaccggg	cacggcaggc	480
tgagccagtt	cagaagcagg	gattgtggct	tgatgtccat	gcgcttgggg	agctgcagcg	540
ccaaggagtg	cccccaactg	acgacagccc	caagtacaac	tactccctgc	gaccagcggg	600
aagttatgag	ttcggcacct	gtgaggccca	ggtgttgcaa	ctgtatacag	aggacgggac	660
agcagtggcc	tccgtgggga	aaggccagcg	ctgtggcctc	ctcttgga	ggaccaactt	720
ctacgcagaa	cagggggggc	aggcttcaga	ccgtggctac	ctggtgcggg	cagggcaaga	780
ggacgtgctg	ttcccagtag	cccgggcccc	ggtctgtgga	ggtttcatcc	tgcagaggc	840
agtagccctt	gagtgcctgc	ggttagggga	ccaggtgcag	ctgcatgtgg	atgaggcctg	900
gcgtctaggc	tgcagggcga	agcatacggc	cacccacctg	ctgaactggg	caactgaggc	960
gacctggggc	cctggcacag	agcagcaggg	ctcccatctc	aatcctgagc	agctgcgctt	1020
ggatgtgacc	acccagaccc	cattgacccc	agagcagctc	cgggcagtgg	agaacactgt	1080
gcaggaggcc	gtggggcagg	atgaggctgt	gtacatggag	gaggtgcccc	tggcgctcac	1140
tgcccaggtc	cctggcctgc	gctctctgga	tgagggttac	ccagaccctg	tgcgggtggt	1200
atcagtgggg	gtgcccgtgg	cccatgcatt	ggaccagcc	tcccaagccg	caactgcagc	1260
ctctgtggag	ctatgctgtg	ggacgtgagt	caactccttg	tgctgcctgg	cccaggggac	1320
ccggatcctt	gcccttccct	tggtcttttg	agccatcagc	ccttaatggg	agatgcacgc	1380
tggttctctc	cttctctact	gtcatgcccc	gactttctgt	tcaactcctc	ctccacagg	1440
cacctgttac	gtactggggc	tgtaggggac	ctggttatca	tcggggaccg	ccagctttcc	1500
aagggcacta	cccgctgct	ggccgtcact	ggggagcagg	cccagcaggc	ccgagagcta	1560
ggccagagcc	tggcccagga	agtgaagcgg	gccactgagc	ggctgagtct	ggggagccgg	1620
gatgtggcgg	aggcactgag	gctgtccaag	gacataggac	gactcattga	agctgtggaa	1680
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cggcgtgcca	acactgccat	ccgtaagctg	caaattgggac	aggctgcaaa	aaaaactcag	1800
gagctgctgg	agcggcactc	gaaggggcct	ctgattgtgg	acacagtctc	tgctgagtct	1860
ctctcagtgc	tggtgaaggt	ggtacggcag	ctgtgtgagc	aggccccag	cacgtctgtg	1920
ctcctactca	gccccagcc	catggggaag	gtgctgtgtg	cctgtcagggt	ggcccagggt	1980
gccatgcccc	ccttcacagc	agaggcctgg	gcactggcag	tgtgcagcca	catggggggc	2040
aaggcgtggg	gctcgcgagt	ggtggcccaa	ggcaccggaa	gcactactga	cctggaagct	2100
gccctcagta	tagcccaaac	ctatgcctc	agccagctct	gaccaggtc	cgcccaggga	2160
cccacatgga	ctaaatgtaa	ttaaaagg				2188

<210> 3265
 <211> 975
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (934)...(356)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3265

gtggtggaat	tcaccgcacc	taaaatgcac	ttgcactatt	actcagcagc	agtaacatgg	60
taacacttaa	aatggtactc	ggggacctcc	aaagactaaa	ctgacaagcc	ttcaaggagc	120
ccaggggcta	gagtataatg	gtgcgatctg	ggctcaccgc	aacctccacc	acctgggttc	180
aagcaattct	gcctcggccg	ctcgagtagc	tgggattaca	ggcatgtacc	accacacccg	240
gctaattttg	tatttttatt	agagacgggg	tttctccatg	ctggtcaggc	tggcctcagg	300
tgaccacact	gcctcggcct	cccaaagtgc	tgggattaca	ggcgtgagcc	acacctggcc	360
taaaaatcat	ttaatttttt	atgcttgccct	agttataagg	tcaaagagaa	tcaaattgact	420
gatgcagtca	gcacctaaca	acctctgtat	atgggaaggg	ggtaatgaga	acatactatt	480
tggaaataat	aacagcctaa	gagccaagtgc	ctgaagttac	atttctgcct	accacagcta	540
aagctctcct	cactgtctcc	tacctcagtc	tcctttccat	caattaccag	tctcttgat	600
aaatgtatcc	attaccaggc	tcacagactg	ggagtgattt	ttctcctttg	gagctcgtcc	660
agaatccatc	agcctcacac	acatattttac	ctgcaaatac	ttggaaaagc	aaaaatgttt	720
aactgcatgt	ataagatggt	tgtcatttgc	ttgaataccc	ccttgaaaaa	tgttgattct	780
tgagcatcag	tgggacatag	aggtgtctga	agaaccattt	tacatgattt	cataaatagg	840
aggtctctgc	attaccatgt	ttgcttgcaa	agtggaaacc	ttttagatgt	gtaacttgaa	900
tgtatcaaga	tctcaagtgc	ttaatgataa	ggtgttgact	tgttaaatta	aaccatttgg	960
aatacaaaaa	aaaaa					975

<210> 3266
 <211> 1334
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (25)...(878)
 <223> similar to gi219867 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3266

ggacgggcat	tcctccacac	ggagttcctg	gtcagcctgg	tggccgctga	cttcctcctg	60
atcagcaacc	tgccctccg	cgtggactac	tacctcctcc	atgagacctg	gcgctttggg	120
gctgctgcct	gcaaagtcaa	cctcttcctg	ctgtccacca	accgcacggg	cagcgttgct	180
ttcctcacag	ccatcgcact	caaccgctac	ctgaagggtg	tgcagcccca	ccacgtgctg	240
agccgtgctt	ccgtgggggc	agctgcccg	gtggccgggg	gactctgggt	gggcatcctg	300
ctcctcaacg	ggcacctgct	cctgagcacc	ttctccggcc	cctcctgctt	cagctacagg	360
gtgggacaga	agccctcggc	ctcgctccgc	tggcaccagg	cactgtacct	gctggagttc	420
ttcctgccac	tggcgtcat	cctctttgct	attgtgagca	ttgggctcac	catccggaac	480
cgtgggtctg	gcgggcaggc	aggcccagc	agggccatgc	gtgtgctggc	catggtggtg	540
gccgtctaca	ccatctgctt	cttgcccagc	atcatctttg	gcattggcttc	catggtggct	600

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ttctggctgt cgcctgccg atccctggac ctctgcacac agctcttcca tggctccctg 660
gccttcacct acctcaacag tgtcctggac cccgtgctct actgcttctc tagccccaac 720
ttcctccacc agagccgggc cttgctgggc ctcacgcggg gccggcaggg cccagtgagc 780
gacgagagct cctaccaacc ctccaggcag tggcgctacc gggaggcctc taggaaggcg 840
gaggccatag ggaagctgaa agtgacgggc gaggtctctc tggaaaagga aggtcctctc 900
cagggctgag ggccagctgc agggctgcag cgctgtgggg gtaagggctg ccgcgctctg 960
gcctggaggg acaaggccag cacacggtgc ctcaaccaac tggacaaggg atggcggcag 1020
accaggggcc aggccaaaag actggcagga ctcaggtggg tggcagggag agaaacccac 1080
ctaggcctct cagtgtgtcc aggatggcat tcccagaatg caggggagag caggatgccg 1140
ggtggaggag acaggcaagg tgccgttggc acaccagctc agacaggggc ctgcgcagct 1200
gcaggggaca gacgccaatc actgtcacag cagagtcacc ttagaaattg gacagctgca 1260
tgttctgtgc tctccagttt gtcccttcca atattaataa acttcccttt taaatatatt 1320
tatttgcaag acca 1334

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<210> 3267
<211> 3262
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (3236)...(2843)
<223> similar to gi3219569 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3267
ttttatgctt ttgttcttg attttatatt acataattgc atgtataaac tttctgatgg 60
attgatTTTT ctttctgtc ccgattatct agcctctgat gtgctcaaga gctggatctg 120
ctgacttata aaaaaagtga catttgGCCa ggacgggtgg ctcagcctca cctaattggtt 180
tcttagcaaa cttcagtaga atgttttagaa cgcgcccttg ataaacttga gtgctggtag 240
gaggtgctac ctgcctcaat ctgtgagcaa ccagccctgt gccctggatg cttggcgggt 300
ggagagaaag acagtgttat gtgggcaagc ctccaactca ccagttgcag tagagcatct 360
ggctctctgt ctgctgctat agccctgtga gtcagccaga cgtgtggtcc ccaagccagc 420
tccccaccta gcacccttgt tctgctacag ctccccacc tgccctcttg cattgcctag 480
gatccacgc cccgctttca gtctgctctg ggacatctgt cttcttcttt gcaggggact 540
aagtatatga cttaatgaat ctaaaaagga aaaaaagatg tcaggaaaaa aaagtgcaca 600
caagaaatgt tgcaacatct catccttagc aactttgttt ggtagtact gcataactca 660
cagcagattc caaggcacct gccttgaaca ttgctacatg ctctaggcat tatcaggaaac 720
gcagccaggg tgccctgcaa gttgtctcca gtttctgggt aagaggacca tcatccatat 780
tgtctgtggc tttgtgtctg agttgggcta ctgagcctgt gacttcagac cccttgtctg 840
cctgatggat acattctgta taatacgtta ccatcacaat tcatgaatg taactaatga 900
agatctagcc cttccgtgcc gcctgctgaa ctatgtcacc tgtggataat aaaacctcta 960
cacataggca ttttatacaa aggcaagtca aacagcaatg gtagtggcaa gtgatgtatt 1020
tggtttaaag aagcttgtgt tactgaagtt aacgcagaag tctggcctcc gtttgtggga 1080
ttattaaata tatacctac gggatcagag tcatctatta gaaacagtga tagccctggg 1140
tataaataaa ctttcttta gagtttgGcg tcagtttttc aatgtccatc ctcaaatacag 1200
acagtctgtt tgaggggtca gttttcaggg tgcactctgca ccgagaggct tgaggcagca 1260
atgacccctg ggctgcagtt cggttgcagg cgctggtggc gggcagtgca ggttggaggg 1320
tgagatggg ccaaggtcac agatgctgca gggcttctct tccttgctct gtgtaaccgt 1380
catcgcggtg ggtgtttgcc cactgtccaa aggactcctg gatgtgcacg tttctctgtg 1440

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tggtggccag	gcgcttctta	tctcgggaga	agaagctaaa	cagtcgcttg	atgcccgact	1500
ccggctgggg	ggacgtcctc	gggtgggcga	tgggtggggg	ttgggggtatt	cggttttcct	1560
cttccatttc	ttcactctta	tagtaagcca	gctcctcctg	cagcaagaac	accttggact	1620
tgagctcggt	cctctcgtgc	agcacgtccc	gcagctcctg	caggggtgaac	cgggggcggt	1680
tggggtcctt	gagatccatg	gccaccttct	ctgcgtcgga	gatgctctcc	tctcccaccg	1740
gctccgtctc	aggtcctcct	tccccattct	ggctgtgctc	cccctgcagc	ctctctcgca	1800
acttccccag	ctctgctcgc	aggtcgccca	tctcctgctc	cttgggtctgc	aggtctgcct	1860
ccagctccac	cttctgttcg	atcagggtct	tcccctgggc	ctccaccacc	gtgacccggt	1920
gccgaagggt	atggttgatc	ttcatcagcc	gtgtctgctg	ctgctgtaaa	gcctcaacgt	1980
cctcattttt	caggcccagc	tccctgtcct	tggcgcggt	ctcgtcgcgt	tgtttgtcca	2040
ccacctcctt	cagcttcttc	atcacctgtc	gctcccgcct	tgacatgcct	gtcatcccag	2100
ctacttagaa	gactgagggt	ggagaatctt	ttgagcctgg	gaggttgagg	ctatggtgaa	2160
ctataattgc	gccactgcac	tccagcggtg	aagacagaga	cctcaaagaa	ctgaaaaaat	2220
aggtccacac	aaaagcttga	gcacgatggt	cacagcagca	cgattcacaa	cagccaaaag	2280
gtgggtgacgt	ctcacagggt	catccataga	tgagtgggca	aacgacatgc	agtatggctt	2340
catgcttctg	gaactcctcc	tctgagaagt	tgacatcctt	gtgggagagg	ttgggtcatga	2400
gctgcttggt	ctcctcctgc	agctgggcga	tctgggagag	gaggtcctgc	gcctcccctc	2460
gccacacatc	ctccaccagc	tccagctcct	caggctcctc	ctccccattc	tggtgtgct	2520
ccccctgcag	cctctctcgc	aacttcccca	gctctgctcg	caggctgccc	atctcctgct	2580
ccttggtctg	cagggtctgc	tccagctcca	ccttctgttc	gatcagggct	ttcccctagg	2640
cctccaccac	cgtgaccggt	tgcgaagggt	catggttgat	cttcatcagc	cgtgtctgct	2700
gctgctgtaa	agcctcaacg	tctcattttt	tcaggcccag	ctccctgtcc	ttggcgcgga	2760
tctcgctcgc	ttgtttgtcc	accacctcct	tcagcttctt	catcacctgt	cgctcccgt	2820
ctgacatgcc	ttcatgcttc	tggaaactcct	cctctgagaa	gttgacatcc	ttgtgggaga	2880
ggttggtcat	gagctgcttg	ttctcctcct	gcagctgggc	gatctgggag	aggagggtcct	2940
gcgcctcccc	tcgccacaca	tctccacca	gctccagctc	cttctggtgc	ttgcgctcct	3000
tctcgatgcg	gtccatcctc	tccaggcgca	ggcgggtccag	ctccaggcgc	agctcgtcca	3060
gctcgggcgc	gacgtggtgg	cggtcgacca	gcacctccag	gatctccagg	acgcgcacga	3120
ccttgggcat	gaggcgcgcg	atggcctcgc	agcgtgctg	gtcaatgacc	cgctcgaact	3180
cgtggcccac	aagcgacgcg	atgtcgtaca	cgtccatgac	ggtcagctcg	gccacgttct	3240
tgtccagcgc	cgggaattcca	cc				3262

<210> 3268

<211> 1610

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1568)...(248)

<223> similar to gi217730 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3268

ttttatcacc	atttctctga	cccctccctg	tcttaggtct	gaataattgg	gtcaccata	60
ggaatgcaga	acccagggtg	ggcagagcag	agcagcactt	gctggcgata	ggcctcgagc	120
ctgtgtttct	gagtccttga	ggaccacgag	ctaacaggag	ctgggtctgta	ggttgctctc	180
cgtaagcagt	gatgcaatgg	acgagggatc	gtagacactg	tcgaattcct	catctgagct	240
cagcccttcg	tttttgagag	ctgactcagc	agctgagcgg	gaagctttgc	gccaggagtc	300
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<210> 3269

<211> 2841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1598)

<223> similar to gi306712 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3269

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<210> 3270

<211> 2443

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (323)...(1840)

<223> similar to gi3327222 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3270

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aaaaagtcca	gaaagtgcgc	tgtcagacca	cgtaactaag	agtttcatca	agctcttaga	240
gatcgctcct	gcaggggcca	ctgctgtgct	tttctgaaac	atccatttat	taacagagcc	300

ccactat	tttt	aacatgt	tcc	aggccct	tagc	acaaaac	caca	gatctta	aaag	aacgctt	acg	360
cagaat	ccat	gccgag	tctc	tgctcct	cga	ctcccc	cgc	gtcgcca	aagt	cgggtg	acaa	420
tctggc	agag	gaaaact	cca	gagatg	gaaa	accgag	ctct	agttcat	cag	ctttcta	aatg	480
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agacctt	ggg	gcctgtc	ctt	gatagt	ggtc	gggaag	cga	gtccc	ggaga	agaac	gtgcc	720
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<210> 3271

<211> 3639

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3271

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<210> 3272

<211> 1829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1712)...(957)

<223> similar to gi6003574 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3272

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cttgtttttt	cctcaaaatc	catccctaag	agtcaggagc	tacaagttta	taggtacgca	180
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ttttgtaata	gcaaacagtt	cttctttgat	ttgaggtgaa	accacataat	ccaagggcaa	1020
ttctccctta	gcattcctct	gttgtaaaag	cactgggccc	ccatgctgta	gtagcagctt	1080
gccaatttct	acatgtccgt	ttgacagtgc	atcatgcaaa	ggagtcaccc	cgtccacttg	1140
agtgagcaga	tctacctctg	gacaacgttg	caaaatttcc	tggaacacaca	ctgtgttgcc	1200
atagttacag	gcttcatgca	aaggcgtcca	gccagcattg	tctttaacat	tgatgtctat	1260
tcttggaaca	gagagaagaa	gaatcaattt	ctccacttgg	ttatttatgc	aagctctatg	1320
cagggtctgt	tctcctttta	gattagtctt	gtgaaaattc	atctttttta	ctacagaggg	1380
gcaattctcc	ttggaacatg	acaattctcc	ttctgacttc	tttttcaatt	tttttaatga	1440
tgaggaaacat	ttagcaaggt	tcaggtctag	taactctggc	agcccttcga	cttggttttg	1500
tttagtacca	ttcagcatta	gtaaggttct	ctgagagtca	aaacaaggcc	gctgtcctat	1560
tttctttgac	acctgaatct	ttccagaccc	aagcacacca	gttttcccca	aggctggtaa	1620
ataggaatat	accattttct	gaagagagag	tggtcagaa	gaaacactgc	cagagctctg	1680
tagacacaac	tttttaaga	ctgcctctgc	aacaaacatt	tgaagccagg	aggaggaaaa	1740
ggagcaaatg	aaaatctcta	attcctgtga	agaaaagtca	tcacacgaaa	gagaaacata	1800
acttcctaag	tcatcagaca	tgtgtcgcc				1829

0940315.012100

<210> 3273
 <211> 672
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4)...(646)
 <223> similar to gi488555 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3273
 tacctcatca ggcacacagag gattcactact ggtagaagc tctatggctg caaccagtgt 60
 cagaaacttt tcaggaatat cgctggcctc attaggcacc agaggactca tactgggtgag 120
 aagccctatg agtgtaatca gtgtggcaaa gccttcaggg acagctcctg tctgaccaag 180
 caccagagta attcacacta aggagacccc atatcagtgt ccagaatgtg ggaagtcctt 240
 caagcagaac tctcacctgg cagtacatca gagactccat agcagggagg gtcccagccg 300
 gtgtcctcag tgtggaaaaa tgttccaaaa gagctcatcc ctgttccgac atcaaagagc 360
 acacctggga gagcaaccca tggaaacata atgggtgggg gccacatgag tcttccagtt 420
 cactctcact cctgtgttta ggaggcgtgt cttagatctg actcctctct ggtcagtaga 480
 aaagaatcct ttaagctatc cagtgaattg atgaatgtga gacattgctg agccacactg 540
 ttaagtctgc tcattgggga actccagaga caacttaggc atgagggcag aaaagtcttt 600
 ggggatgatt cagtctgtac cagacatgac aacacacaca ctggaatgaa atgtgcaaac 660
 atgggggtga ct 672

<210> 3274
 <211> 1605
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1597)...(227)
 <223> similar to gi1575333 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3274
 tttttttttt ttctgtatttc aagggttttt attctgagca gtaggtacaa aaaataatga 60
 catagttgtg tctaattctg tatagttcag gcacctcca caggctgtca atctctgatt 120
 tgatctactt ttaccagatt taacagatcc ttgaatttac ttactgtat atacttcctt 180
 cttgctcaca ttgggaatca aactaatgct ggaaacatgc atcttcagac ttcatgagg 240
 aattccagat tgagacacgc tgggatgtgg attgagttcca tggtagaga agatggatta 300
 aatggaaaca aaacaggaaa catgtgcttg gcattctaata gcagttgctg agggtcattc 360
 cgctcttgta gttgtgctg gattgttcgt ataaaggcca ctgttaccog ttcttcaaatt 420
 tcattcaggg gagtataaag gtttaaaatt ttgacaatct gctgggtgct gagggaggta 480

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cacagggagc agatagcctc tgcgtcctcc tgggttttct tctttaattg caggagctgg 540
gctgcttgga tcagagggtc catggtctga actgctccac tctggtgaag gtttcttccc 600
cgaagccact cctcaagctg acttatattg tacctgagtt gcatgcctgt gctccaagag 660
cagacgtcct tccgcaggag cagggtcatta agagtcactg cgttgatcat gtagaagagc 720
tgtttgaata cctgcaggat gatctcaggg tccaagccct ggtcacacat gactgtatga 780
aaggcattca tctggcggat gatagcttcc aggcggtatg agttatcctc atctgccatg 840
ctggaggagt gcttctggga gccagtgggc ttcacaccag atagaccctg aatgctctaa 900
ttttccaaca tggcagaaac tatcatcggc tgtaacacac cctcggcaat ttaatgagc 960
tgctggtaga tctgaatgga aaggtcacgt caggcacctg acggtattcg gtgaggtaa 1020
aattcttaag acagtgttca attctgcttt gcagtgttat gagtcatgaa gccctcatcc 1080
ccgctgtact gcttcagaca gtgaagaagg cggcagggtg tggataacca gaatgacgtc 1140
atctcaaagt catcattgtg ctttttcagg actttcttaa tgccgttgat ggtggaggtc 1200
agcaggaggt gcaccttgag atcgtcgttg gtgtagtccc gcgtgccgga tgcacatgta 1260
gaggatgtag gcgggggagc agggcactgt gcccgacagc atctggggct tcaagtctgt 1320
caccagggtc cggatgagga gggcctcgtc ctctttgtgg tactccagca tgccctggaa 1380
atccttctct ttcgcgtgga ccgtgacctg cctgttgagc tcatggcgct tcctctcact 1440
ctgggccaat gcctgggcag cttctaggtc ctgggctttc ttcagtataa tcttcagttg 1500
ctttttgagc ttctctcat tcttttcag cttttctacc agttctttaa ggtccagatt 1560
ctcgttggtc agccgggata tttctcgtg aacgccgctc gtgcc 1605

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<210> 3275
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (675)...(226)
<223> similar to gi4164002 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3275
cccccttttt tttttttttc aaaagtgttc tgtttaatac gctttgtctg gtagtgcttg 60
ggtgcctgtg gttggtttct ctactggaa ccagtcctgg gcccactcg cctggcttcc 120
tccagtcgcc ccaggctcctg gggctggtgt gtcagaagct gcctttgtcc tctccattca 180
tccatccttg ggctgtctg gcctatgatg ccctcattca gctctcaggg tccagagggtg 240
actggtgtgg atcctgctcg ctgtgccaa atggccctcc agatgcggca taccatccct 300
ccctgtggg taatggactc agtgtggctc agccagaagg tggccctgga ctctatcttg 360
cacacactgt ctgcccagtg cccctctgt ccctagggga cccagggtgcc cctttggttt 420
ccaggaagga acctaggcag gcctgcagtt ggccaggatg aggccatatg catggttcac 480
acttgggggg cccaggatgt acctgatgc ggtgtagatg aggtcatctc gaggggcata 540
ggtgagcaga gtgtggaggg tgaagctatg gttcaacagc tggatgtggt caaagaccgc 600
cagaaagagg gaaataagaa attacagaaa gatgtgtcga gaccaggta ctagctctgc 660
tctgttgcca aaataatgag gcagatcaca cccttctggg cctcagtttt ctcatccata 720
caatgggacg agaatactaa gtgttcttct ggtagtgaga ttct 764

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<210> 3276
 <211> 2281
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (62)...(1054)
 <223> similar to gi3877677 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3276
 atggctgatc gggggaggcc gagaaccgca gggactggcc gagaaatctc ctttacagac 60
 aataggtgaa gaacaaaccc agaatcccta cactgaactg ctagtactga aggctcatca 120
 tgatattgta cgatttctgg tacagttaga tgactacaga tttgcatctg ctggtgatga 180
 tggaattgta gttgtgtgga atgccagac aggggaaaaa cttttagaac tgaatggaca 240
 cactcaaaag ataacagcta ttattacatt tccttccttg gaatcttgtg aagagaaaaa 300
 tcaactcatc ttgacagcct ctgctgatag aacagttatt gtgtgggatg gtgatactac 360
 cagacaagtt cagagaatat catgcttcca gtctactgta aagtgtttaa ctgttcttca 420
 gagactagat gtttggtctt ctggtgggaa tgacctgtgt gtgtggaacc gaaaattaga 480
 tctcctgtgt aagactagcc accttcttga tacagggtatt aagtgccttt ggttgaaata 540
 ccctaagaac ctgtgtttgt gcagcagttg gcaaagaact gataattttc aggttggttag 600
 caccacaga aggatcacta gaatgggata ttcttgaagt taagcgcttc cttgatcacc 660
 aggataatat tctctcattg attaatgtca atgatttgag ttttgtcacc ggctcccacg 720
 tcggagagct gatcatctgg gatgccctgg actggacat gcaggcctat gaacgcaact 780
 tctgggaccc atctccacaa ctggacaccc aacaagaaat aaaactctgt caaaaatcaa 840
 atgacatttc tattcatcac ttcaaatga agcgtgtgat tgcctgccag aaaactgcac 960
 ggggtttata cgtgtatagc cttcaaatga agcgtgtgat tgcctgccag aaaactgcac 960
 atgactccaa tgtcctgcac attgccagac ttccaaacag gcagttaatc tcatgctcag 1020
 aagatggcag tgtacgcatt tgggagttaa gagaaaaaca gcagcttgca gctgagcctg 1080
 taccaacagg tttttttaac atgtggggat ttggaagagt cagcaaaca gccagccaac 1140
 ctgttaaaaa gcagcaagaa atgtctactt catgttcaact ggagcttatt ggagatttga 1200
 ttggacactc atcatctgtg gagatgtttc tatactttga agatcatgga ctagtgacgt 1260
 gctccgctga tcatctcatt attttgtgga aaaatggaga gcgagaatct ggattgcgca 1320
 gttaagatt atttcaaaaa ttagaggaga atggtgactt ataccttgct gtctagttta 1380
 aggaattaaa aatacacatg catgaacctt gaacatcaaa tatcgggtac tactctgaaa 1440
 accattaata tattgatcac ttaaattggt aatttttttt gtcagtccat aaaattctac 1500
 atgtttaaat tttttgtgga cctaccaacc aggaacatgt tgcttctcag gtcctagtat 1560
 atcctccaaa gaataatacca caagtttttc catttgactt tgagctgctg ttgaagtggg 1620
 gagtgtgtgt ttttgagctt attttgaacc tagatccttg tgaaaggtag aaatagaggt 1680
 aatagttaag ttatggcatt tattagaagt tttattattt ggcttccttt agaattattg 1740
 tgaagtttaa aaatagcctt tctcctgcaa attttcctag tctttagtaa ctgttagtgt 1800
 tctatatagc acaaaccttga atctctcagc caaaaaaggg aacatatata ctgtttaagt 1860
 atggcaagtt ttctttggta ccaatttgtt tagataattt taaaaatgtt ttttagttct 1920
 agctactaaa acctgtatga actcaaatgg ataggcatct tgtgaggggtg tgtttttccc 1980
 agtgtgaatt ggcttgaaga gccatgggct aaatgggtac tagaacaaca actgcccctc 2040
 atgtacgcca aggatgagct ctagatcatt tgagaggcac agtgtttccg gagtcaggga 2100
 ctggcagctg agcgcaactg ccccatctga ccactgactc aaatacgaac tgcttgagac 2160
 agacttcttt tatgtagttc tttgcagtgt ccattgagac actataacca gccttgtaac 2220
 aatatgtttt ctctttttgg tgctaaaaaa taaaaatatt agaaagtagt ctaaaaaaaa 2280
 a 2281

<210> 3277
 <211> 1206
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (16)...(879)
 <223> similar to gi3005087 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3277
 agtcaggagt cttcagacag tctagctgca gagattgtta cacctgaaat caggagagaaa 60
 cttattcgtc ttcagcatga gaataagatg ttaaagctta accaagaagg ttcggacaat 120
 gaaaaaatag ccttattgca gagccttcta gatgatgcaa atctacgcaa gaatgaactg 180
 gagacagaga ataggtactt gtgcccataa atttccctct tactacggct tttgctgtat 240
 cccatagatt tcggctggtg aatcaaagac ttctggaagt acagtcacaa gttgaagaat 300
 tacaaaaatc tttacaggat caaggctcaa aagcagaaga ttcagtcctt ctaaaaaaga 360
 agcttgaaga acatctagag aagctgcatg aggccaataa tgaactacag aagaagagag 420
 ccattattga agatctcgag ccaagattta acaacagctc cttaaaaatt gaagaattac 480
 aagaagcttt acgaaagaaa gaggaagaaa tgaagcaaat ggaagaacga tacaaaaaat 540
 acttagagaa agccaaaagt gtcattccgt ctttagatcc taacacagaat caaggagcag 600
 caccagaaat acaagctctt aaaaatcagc tccaggaacg agaccgactg ttccactcat 660
 tagagaaaaga atatgagaaa acaaagagtc agagagagat ggaagagaaa tatattgtta 720
 gtgcctggta caatatggga atgaccctgc ataaaaaggc agctgaagat agactggcaa 780
 gcacaggctc agggcagtc tttctggcga ggcagaggca agcgaccagc agcagaagat 840
 catacccagg ccacgtgcag ccggccacag caaggtagag aagttgtgcc gctcaatcac 900
 agacacctgc acccacaaca tacttctggt acacacaaga acatttcagg aaactcagcc 960
 agcttatttt ttgtttctct tctatgtcaa tacttagtgt ttctcatttt gaggactttt 1020
 tctctctcct gtatctttgt tttagtttct ttgggtttta ttttgtagtc ctttcagtta 1080
 tttttaatgt gccaaaaatt tgtacatgtt caattaaaaa tgttgtataa tagtgtaata 1140
 cttttctttg tatgaaaatg tcctcttctt caaagggtata ggctttgtta tgaattagat 1200
 tttctg 1206

<210> 3278
 <211> 1159
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1161)...(822)
 <223> similar to gi3043572 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<210> 3280
 <211> 3258
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(2516)
 <223> similar to gi5912060 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3280

ctttgaggtc	ttgtggtctg	attcttcaat	aacatcagta	accaaactctt	cctctgaagt	60
gacggaattt	atttcaaagc	tatgtcagct	ctatcctgaa	gagaacttgg	agaaactcat	120
tccttgctta	gctggtccgg	acgcatttta	tgtggagcga	aaccacgtgg	atctggactc	180
aggcctgagg	tacctggcct	cattaccttc	tcacgtgttg	aaaaatgacc	atgtcaggag	240
gtttctcagc	acttctcttc	ccccacagca	gcttcagagt	ccaagtcctg	gcaatccctc	300
ccttttctaaa	gtaggtaccg	tgatgggcgt	gtctggaagg	cctgtgtgtg	gagtggctgg	360
tatcccgtcc	tcgcagagcg	gagcccagca	ccacgggcag	cacccggccg	gctcagccgc	420
ccccttgcc	cactgctccc	atgcgggcag	cgcgggctca	gccctggcct	accggacca	480
gatggacaca	tcacctgcca	tcctcatgcc	ttccagtctg	cagacccctc	agaccagga	540
gcagaatggg	attctagact	ggcttaggaa	actgcgtttg	cacaagtatt	accccgctct	600
taagcagctc	tccatggaga	agtttttgag	ccttactgaa	gaagatctga	ataaatttga	660
gtctcttacc	atgggggcaa	agaagaagct	caagaccag	ctggagctgg	aaaaggagaa	720
gtcagagaga	cggtgcctga	acccctcggc	cccgcgctg	gtcaccagca	gtggtgtggc	780
tcgagtgcgc	cccaccagcc	acgtcgggcc	cgtgcagctg	gggcggggca	gccatgcagc	840
agagctgcgg	gtggaagtgg	agcagcccca	tcaccagctg	ccccgggaag	gcagttcctc	900
ggagtactcc	agctcctcct	ccagcccat	gggggtacag	gcccgggaag	agagctccga	960
cagcgctgag	gagaatgaca	gacgtgtgga	gattcacttg	gagagctctg	acaaggagaa	1020
gccggtgatg	ctgctgaatc	acttcaacttc	cagttccgcc	agaccacgg	cccaggttct	1080
ccctgtgcag	aatgaggcca	gtctcaatcc	atcaggccac	cacccctgc	ccccgcagat	1140
gctgagcgca	gcctcacaca	tcacacccat	ccgcatgctg	aattccgtgc	acaagccaga	1200
aagagggagc	gcggacatga	agctcctctc	gtcttctgtg	cactcacttt	tgtctctaga	1260
agaaaggaat	aaaggatctg	gaccaagaag	cagcatgaaa	gtggacaaga	gctttggcag	1320
cgccatgatg	gacgtgctgc	ccgcgtccgc	acccaccag	cctgtgcagg	tcctctctgg	1380
gctttcggag	agcagctcca	tgtcacccac	agtctccttt	ggtccccgga	ccaaagtcgt	1440
gcatgcatcc	acgttgga	gggtgctgaa	gacagcacag	caaccggccc	tggctgtgga	1500
gaccagcacg	gctgccacgg	ggacgcccag	cacagtccctc	cacgcccgc	gtccgcccac	1560
caaactgctg	ctgtcgtcat	ctgttcctgc	tgattctgcc	atttctgggc	aaacttcctg	1620
tcctaataat	gtgcaaataa	gtgtgcccc	tgcaataata	aacccccgga	ctgctctgta	1680
cacagccaac	accaaagttg	ccttttctgc	aatgagcagt	atgccagtgg	gccccctgca	1740
gggtggcttc	tgtgcaaaca	gcaacactgc	ctctcccagc	agccacccct	ccacgtcctt	1800
tgccaacatg	gccacagatg	cccagctgcc	cagccccag	ctccagccc	gcgtgtcct	1860
ccgtccctga	aagcagtttc	tatagcagca	gtggcggtgg	cggtccaca	ggaaacattc	1920
ctgcctcgaa	tcgaaccac	caccaccacc	accaccatca	gcagcccccg	gcacccccgc	1980
agcccccccc	acccccgcca	ggctgcattg	tgtgacgtc	ctgtggctgc	agcggcagct	2040
gcggctcgag	tggcctgact	gtcagctacg	ccaactactt	ccagcacccg	ttctccggtc	2100
cgctcgtgtt	caccttcccc	ttcttgccct	tcagtcccat	gtgcagcagc	ggctacgtca	2160
gcgcccagca	gtacggcggc	ggctccacct	tccccgtcgt	gcacgcccct	tacagcagca	2220
gcgggacccc	agaccctgtc	ctgagtgggc	agtccacgtt	tgccgtgcca	cccatgcaga	2280
acttcatggc	agggacggca	ggggtgtacc	agacccaagg	actggtgggc	agtagcaatg	2340
gttccagtca	caaaaagagc	gggaacctat	cttggttaca	ctgcgggggc	actggtcacc	2400
gcgcccagga	ctgcaaacag	ccgtccatgg	acttcaaccg	gccaggtact	tttaggttga	2460
aatacgcccc	tccagcagaa	agtctggact	ccacagattg	atatttttcc	tctggcaaac	2520

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cagaacgtta ttttaagccat ggagacataa ggaaaattaa atacaaaact gagaaggtct 2580
agttgctgtt gagcttaatc tttttaatcc aaaggtgctt tacttttcct agactggata 2640
gaaaatctag ccgtagaaag tgcatacaaac tcgatttatt gccaaaacc tagattggag 2700
cttgggtgtc agaactcgcc tagtgggcat ctctgtggct ggtgagatcg gccacctcca 2760
cttttggttg cagtgcagag acgccatgtc tcccgaagag cattgccatc actggccctc 2820
ctaggctcac acgtcaattc cagggcagct acacgtggct tgaatcgaga accgagcttg 2880
gagttctcca agtggagttc cccccgccg actcctgaca cccctgggct aggggaaatg 2940
tcgactttgt tttgttctgt tcctaaagtg attagcacta atctctggga tttttaagga 3000
ttgcactaca gaagaatgta ccctgatgta aatctctgcg gttctgggag ccaaactcct 3060
ctgagaacag tcagtgaag agactccaat aatccatatt gaaagagtca gcaccagcag 3120
aggctactcg acttaggacg caacagaggt ttttagtattt ctttccctcc tccaagcact 3180
tgtagcagtt tcaggttttt aatttttttc tgcaaataaa tctaaactac gttattaaat 3240
agaaatagtt tactcgca 3258

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<210> 3281
<211> 1300
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1296)...(222)
<223> similar to gi4519623 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3281
tttttttttt ttgccatttt caaaaaagat atagtagctt cagttgtaca ccaccagttg 60
aaggggtttt catccaaatg agaaactcta ccccttgtct ctctagtgga acaggcacca 120
gattcccaca agcagcagct cccatgtcct gtagcacgtg gcatccgacc ctggagtga 180
gagtaagctg gcacagagcc ccgacgtgg gattcagact agatggcgtt tcgtggcgtg 240
ccattgtgtg tcagcgcttt cagactggag gcactagtct ggtgaccaca gctcctgtga 300
gaagtcacac ccacctcaaa aacctcatga atagcttttc ggaaacagtg gaagttgtag 360
tctattaaac cttttctttc aaagctttct tcccttagaa tgcagaccag tgccaaaaat 420
ttagtcacct cctttaataa aaggacagtt gtattattca gcttgataat tgccatagat 480
tctttgtcat aagcacttcc acttccatct tcctttaacc catatataca agacacatca 540
attacaacat cgatcatgtc acagcaaagt tcataagatt gcatatccac aggggaactg 600
tctgttgcaa tgtagatttt gctgacaaca tcaaagagaa aagctttttc aatacctgaa 660
tttgatataa agatatttaa taggttttcc aaggtcggca gttgtggaat gagtttctgc 720
accaccttac taaaggcttc aaatattgaa tggatcataga tactagttag ataaaagcta 780
agatggagtt tttctagccc agcatctgca aggtcatcat tggccctttg atgaatgtcc 840
ctctgtgttt ctattttgtg atcatcagac agaccatcaa cttgtggaat aaaaacctca 900
aaattcatgt ctgggttaac tttgtaggct ttagaacag taatgtgaag tcttgttaaa 960
gcctccatgt agtcactctg tgcgtcaatg acgtatatca atgctcctgt tcccctgaag 1020
atcatctcat agtcaaagg tgggtcaaaa aagtccattt gccaggaaa atcccatatc 1080
tggaattca caaaggagct attggaaatg tcatccttat aaatcttgtt ggtactttcc 1140
aaaaagaggg tctcgttggg tgacatctta tgaaacacca ctttctggat ggaggacttg 1200
ccgctgcgcc ggagtcccat gagcagaatc ctcggttgg agctgtcagc gcccccgga 1260
ccacagcctc cgctgcccg gacgcgtggg tcgaccggg 1300

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<210> 3282
<211> 3167
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(3168)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3167)...(2950)
<223> similar to gi299471 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3282
ggaattcgcg agcgcagggc gcatgactgg caggcagctc cacctgcagc cctggtgccg      60
gatccactag gtgaagccag ctgggctcct gagtctggtg gggacgtgga gagtctttat      120
atctagctca gggattataa acacaccaat cagcaccctg tgtctagctc aagggtttgtg      180
agtgcaccaa tcgacactgt atctagctgc tctggtgggg ccttgagaa cctttatgcc      240
tagctcaggg attgtaaata caccaatcag caccctgtgt ttagctcaag gtttgtgaat      300
gcaccaatcg acactctgta tctagctgcc ctgatgggga cgtggagaa ctttgtatct      360
agctcagggg ttggaacgc accaatcagc gccctgacga aacaggccac tcggctctac      420
caatcagcag gatgtagggt gggccagata agagaataaa agcgggctgc ccgagccagc      480
attggcaacc cgctcgggtc cccttcacaa ctgtggaagc tttgttcttt cgctctttgc      540
aataaatctt gctactgttc actctttggg tccacactgc ttttatgagc tataacactc      600
accgcaaagg tctgcagctt cactcctgaa gccagcgaga ccacaagccc actgggagga      660
acgaacaact ccaggcgcgc aatgaacaac tccaggcgcg ccgccttaag agctgtaaca      720
ctcaccgcga aggtctgcag tttcactcct aagccagcga gaccacgaac ccaccagaag      780
gaagaaactc caaacacatc tgaacattag aaggaacaaa ctccagatgc gccaccttaa      840
gagctgtaac actcaccgcg aggggtccac gcttcattct tgaagtcagt gagagaccaa      900
gaaccacca attccggaca cattttggcg accatgaagg gactttcgcc tattgccaag      960
cggtgagaca atcgctgagc agtgagacca tcacctattg ccgagcgggt agaccattgc     1020
ctatcgccaa gcaaactcgag gccatcaagc tacagatggt cttacaaatg gaacccaaa     1080
tgagttcaac taacaacttc taccgaggac ccctggactg accagctggt cctggcactt     1140
cccctggcct agagagttcc cctctgaagg aactacaac tgcaaagccc cttcttcgcc     1200
cctatccagc aggaagtagc tagagcagtc atcgccaaa ttcccaacag cagttggggg     1260
gtcctgttga ttgaggggtg acagcatgct ggcagtcctc acagccctca ctgcctcgct     1320
cactctcggc acctcctctg cctgggctcc cactttggca gcacttgagg agcccttcag     1380
ctctgtatct agctactctg atgggtcctt ggagaacctt tatgtctagc tcagggattg     1440
taatacacca tcagcacctt gtgtctagct caggtttgtg aatgcaccaa tggacactct     1500
gtatctagct actctgggtg ggccttgag aaccttgtgt caacactctg tatctaacta     1560
acctggtggg gatgtggaga accttgtgtc tagctcaggg atgtaaacgc accaatcagt     1620
gccctgtcaa accactcggc tctaccaatc agcaggatgt ggggtggggc agataagaga     1680
ataaaagcag gctgcccag ccagcagtggt caaccgcgtc aggtcccctt ccacactgtg     1740
gaagctttgt tcttttgctc tttgcaataa atcttgtact gctcactctt tgggtcccca     1800
ctgcttttat gagctgtaac actcactgcg aaggtctgca gcttactctc tgagccagtg     1860
aaacatgaa cccaccagaa ggaagaaacg ctgaacacac ctgaacatca gaagaaacaa     1920
actccagacg cgccacctta agagctggaa cacttaccgc aagggtccgt ggcttcattc     1980
ttgaagtcag tgagaccaag aaccccccaa ttccggatac aatatcgaca aaacatgcat     2040

```


cagcctgcat	accttactca	tgatgtcaat	tcccaagttt	cgctaataaa	aacatctctg	840
caagcctctt	cagggagccc	nccnnaaaaa	aaaaa			875

```

<210> 3284
<211> 2202
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(1707)
<223> similar to gi5441764 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

09486735-013100

<400> 3284						
tcaaaatgaa	aattcagtg	acaagtggg	aaaaccttta	gtgattgata	aactcaagga	60
aatggccaaa	gtcagagggtc	tctggaactt	gtttttgcc	gctgtcagcg	gactcagcca	120
cgtggactat	gccttgattg	ctgaagaaac	aggaaaatgc	ttttttgctc	cagatgtctt	180
taactgccaa	gcaccagaca	cagggaatat	ggaggttctg	cacctgtatg	gaagtgagga	240
acagaagaaa	cagtggcttg	agcctcttct	tcaagggaac	attacctctt	gcttctgtat	300
gacagaacct	gatgtagctt	caagtgatgc	cacgaatatt	gaatgcagca	tccaacgaga	360
tgaagatagc	tatgtaatta	acggcaaaaa	atggtggagc	agtggagctg	ggaatcccaa	420
gtgcaaaatt	gcaattgttt	tgggaagaac	tcaaaatact	tctctctcca	ggtaattaaa	480
caattctgat	tgagaaacct	gtgtaggaat	gagccagtct	tcctcctatc	taggtaattt	540
acttaaaatt	cactgttttg	actcacaat	cataatgtaa	gatatgagag	taaatgtcat	600
atatttgtat	ttcacaagta	ttttctaaca	ggtgtttttg	gaaaacatta	tagggagtat	660
tgttgaacat	tcttcgctgt	ggaattttca	gtattagaaa	gtgttgctaa	attatcaaag	720
ctgtttggat	taaattatca	gacaaatttt	ttcagacctg	tgtaatgaag	tgattagatg	780
tttagatcaa	aggcaataat	cttgaaatgt	ttaattatat	atataagttc	ccagttacca	840
ttgttgagca	gtgagaagct	tcaatcaaac	aactcattta	ttttcaaatc	attgtttctg	900
ttccagatca	cagcctgcat	cagactatgt	tgggtgtacgt	cttttacaca	gttcccattc	960
cagtcacac	tgcttacatg	actacatgaa	aacatcaaaa	agacaattgg	gattctgctt	1020
attatctgtt	ttatttttct	tcttagcaaa	ctttttctaa	tacaattttt	cttttgacta	1080
gacacaaaca	gcacagcatg	attcctgttc	ccatgaacac	acctggagta	aaaataataa	1140
ggcctttgtc	agttttttgg	tacacagata	attttcatgg	aggacatttt	gagatccatt	1200
ttaatcaagt	gcgagttcct	gccacaaatc	taataactagg	tgaaggtagg	ggatttgaaa	1260
tttcccaagg	ccgccttgga	cctggcagaa	tccaccactg	tatgagaaca	gtaggtttgg	1320
cggaacgcgc	tttgcatatc	atgtgtgagc	gggcaacaca	aaggatagct	ttcaagaaga	1380
agttgtatgc	acatgaggtt	gtggctcact	ggattgctga	aagccgcatt	gccattgaga	1440
agatcgcgtt	gttgactctg	aaagctgctc	acagcatgga	cactctgggc	agtgtctggc	1500
ctaagaaaga	gattgcaatg	atcaaagtgg	ctgccccacg	ggctgtcagc	aaaatcgttg	1560
actgggccat	ccaggtgtgc	ggaggtgctg	gtgtttccca	ggattaccct	ctggctaaca	1620
tgtatgctat	aacccgagtt	ttgcgtttag	cagatggacc	tgacgaagtt	catctttcag	1680
caatcgcaac	aatggagctg	cgggaccaag	ccaaaagact	gacagccaag	atataaggag	1740
ggtggcactg	ccacatccca	ctggcagaaa	ctctccttta	tacaaacttc	attggctcca	1800
acatttgaat	ctcatatttt	tgtagcagtt	tgagcacagg	gttaattatt	catttgtggt	1860
aaagattata	gcatctattt	tgatcagtg	gttttattat	ttcaagggtc	acacagggtt	1920
aagttcagta	agaaatgctg	tagctgttgt	cattcaatct	agtgcctcct	tgaggccagg	1980
agttcaggac	cagcctgggc	aacatagcga	gacccccatt	gctacaaaaa	atttaaaaat	2040
gaaacaagtg	tgggtggcaca	tgcttgtagt	cctagctact	tgggaggctg	aggcaggagg	2100

attgcttgag tctaggagtt tgaggttaca gtaagctgtg atcgtgacat ggcctccagc 2160
ctgggtgacc gagtgagact gtttctaaaa ataaaaaaaa aa 2202

```
<210> 3285
<211> 2725
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2525)...(1487)
<223> similar to gi4127947 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3285					
agccaccagg	caagaaacct	tcagggtgat	tatgtgtgtg	cttttttttt	ttttaatagt	60
atcattcatt	tgtacagaga	aatcatttgg	atggatctat	ttacagtctt	ttctgattat	120
catttccact	ggccaaatat	atttcacaga	atagtcaaca	ctgacttgaa	ttgatcacca	180
ttataatcgg	gcttttactc	ctcctcccc	ctttcaaaga	tgatgatccc	attttaacag	240
aaacattttg	taataaaaaga	ttcaccagtc	tttttccatc	ttatgactaa	atccacccaaa	300
atttatttaa	tatggtcaaa	tttttaacac	atttcattgt	ttcttttcaa	actcattatt	360
tgcaggtatt	gcaaaccaag	gcaaataagt	ccacgggtccc	ctcgagcctt	ctacaactta	420
ctgacacgcc	ctcaagttga	ggcttctcct	atctcctttc	acacttggtga	aatgtctggc	480
acaaccagac	attttacttg	aagacaaaac	tactctcttt	tcctctcttt	ttcttttaac	540
tcactaccaa	tcaccttccc	tcttgcatth	cagacaacac	taaaactttc	aacaaaatct	600
ttgaagtgg	tttctttcag	tagtctagaa	tacatcaagc	catttcatgg	gtctttaccc	660
tgaaatgcta	cactttaaaa	atggcaattt	ttttaattgg	ctcaaaaaca	gtatggcttg	720
gtttcacttg	gtaaaattaa	tgtgatttaa	aaaaatatat	atatatacac	acacacacac	780
acatacacac	acatttttaa	tcaggaagaa	aaatacttta	aagacatgcc	aatttgaaaa	840
ggcatcaaac	taaaaaaaata	aaagcaaatg	ctaaaaacta	ctttacaata	aaaaaattaa	900
ataatcggca	ggttaaatga	atgtaaaatg	aggaatgtac	agtgaaaaac	aaactaatat	960
aaagcattcc	agttgataaa	aacctcctca	ggcttatgg	ttgttttcca	aggaatttat	1020
gtttcaatgt	aaagtttgaa	atactccaga	catacattcc	atgtagggtt	tggtggccaa	1080
tgttaaaatt	tcaaattttg	catgcaaggc	ttagcaaaga	aacactggca	gaattccagc	1140
atttgcaaaa	ttctaagttt	tggatgaatat	tgtaaatatt	acaattggta	ttagaaagcc	1200
atgatgaatc	cagaattaaag	agaaaaccca	tttcataaat	attttgtttg	attaaaaaat	1260
accaggctta	ccatgtttta	aataattcaa	gaaaatatct	ttaaaaaaaa	aaggactgca	1320
atttaacagt	aatctgtata	tcttttagctg	ccattaaaaa	aagaaaaaag	aacaacccaa	1380
aacaatgaaa	atgttacaac	tggatataaag	taaccctatg	atgctcccct	tacgagaaaa	1440
caaaactgta	cacattttata	aacaaacagt	ctctcccata	agttaacaca	cagagccttc	1500
tctacaccaa	agtctctttc	cgtttgccac	cagaaagggc	tttgctccctc	gctcttcgga	1560
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agccacatct	gtaagcgttt	tcacacactt	ctacctgagt	aacactggaa	actgtggatg	1680
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gctccggcag	gccctgcagc	tcagggtggac	tgccctgccga	ctggaagggg	gcaatggccg	1800
ctcgaataca	gttggaaccac	tgtcgtttgt	ggaacacgtc	attggcttgc	agagtgtgag	1860
actgagctgg	agaggggctca	tggagcgtaa	ttctaagaat	atttttagct	ttctctgagt	1920
tactgaaagc	tcctcgaaaag	gagcctccca	ttctcacatc	tcctctctgc	aggtcttcta	1980
ggactagctc	ttggactggg	attggctgcc	ggtaaacctg	gtaagagtgc	cgttcgttcc	2040
gtgtgacggg	ccgagtcaga	accaagatgt	cttgaaacag	gaaaatgtaa	agtttatgtc	2100

cactcttgct	ccgcagctcc	ccatggcaca	gcagcacttt	gctcgcttcg	attctgggggt	2160
ccctctgctt	ttcatccagg	tactccagct	tgatgatgta	atactggcac	tcggattcac	2220
ctttcttcaa	gttgatatca	gagaggactc	cctgtattat	caatatagca	tcctccagaa	2280
gctgaacatc	aggggtgctct	tttggagtgt	gtttaagaat	ttcttttaac	agtaaagggt	2340
atttgactag	gcgacttcga	gggatatcta	ggaaactcca	aagatctagt	tttcgactga	2400
agggagactc	gagacatcgc	tggaggaagt	cttggactct	tggatcctgt	ttcttttgat	2460
caagaagagc	tttggctgcc	agctgggttac	tacagtaacc	tctgtaggca	ttcaagcgcg	2520
gtaactgaag	agtaataaaa	gaaaagggtat	gatgtgttcc	tgttatgacc	gagtgcatta	2580
acaagcctgc	aaacatgaaa	cacaaaatgt	acagctattc	ttgagagttt	taacaagctg	2640
tggacatttt	ctggcagata	ataatggaag	ctgaatagca	ttttagcaat	catcaaaaatg	2700
ctcttcaaat	tttcataatt	tggt				2725

<210> 3286
 <211> 385
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (19)...(347)
 <223> similar to gil619929 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3286	
aaagatgaat	acataagtaa atcacattcc tatatattag caatgaacaa gtagaatttg 60
aaatgaaaac	acaacacact tacatcaaca cccccaaaaa tgaaatactc aggtataagt 120
ctaacaaaac	atgtacaaga tctatgtgag gaaaactgca aaactctgaa agaaataaaa 180
gaggaactat	aatgcatga agagatatatt catgttcaca gataggaacc ctccatgttg 240
tcaagatacc	agttcttccc aacttgatct ataggtccaa agcagtgcc atcaaaaatcc 300
cagcaaataa	ctctggatat tgacaaactg actctaaagt ttatagatag aggcaaagac 360
cccgaatagc	caatacaata ttgag 385

<210> 3287
 <211> 2744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2745)...(499)
 <223> similar to gi2565046 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3287

tttttttttt	ttaagttcaa	aagtacattt	atttaaaatg	tgggcaagat	atcaatataa	60
aagaaaacag	agtataagaa	ataaaaaata	tcaaagtaca	aaacatttca	aatctttaac	120
atccataatt	tagagatagc	aaggtcttta	tttacaccat	tttatttcta	gtttgaagtc	180
ccgtaacagt	tttgtgaaaa	catttaaaaa	cctgggcaaa	tgaatcataa	aacctaattg	240
ggggctctta	aagtcataata	atacaaaaaca	taatttatgt	ttccctcagg	attaaaattg	300
caccatcttt	aaaaggggtgc	cggtatatatt	attatatcct	gtccttcccc	gcttcacagt	360
ctggatcccc	caggaaaggc	agctgggaaa	accagagcct	gtgaagggaa	gcgcagcagc	420
ttcctcgcca	gaccagaaca	gccagccccg	caccgcagga	agtccgacat	gcacggcagc	480
ctagacgccc	atagttaaac	cttatatgat	tcatagtcca	gcgtttgagt	gagcacttca	540
gtcagaacga	aactctgcat	tgtgaacatc	tatgccctct	ggcaaaatat	tcttcggata	600
aaatgaaggt	cattttccac	aggataatta	aaattatttc	ccgaacaaac	tcgaagttcc	660
tgcttgtgct	cccatgagct	tccgggaaaga	tggctgcctt	ggataacacc	tttctcctctg	720
cacactctac	gattgccttc	atagtggaaa	gacttgggca	gattcccagg	tgtgatgtaa	780
aaatatattt	gcttaaagag	tggagaaacg	tgtgcccgtt	ttaaggattc	ttccaagctg	840
aaagagaaaa	gtacttctgc	ctcagcatct	cggagaaatgt	agttctgctc	atcaatgaac	900
ttctgacacc	tgaagcattc	ttccagccac	tctggcgctca	ctatgtgctt	cacgacagaa	960
atcgcccgcc	aggaacttca	cggtgcgagt	cactttgctg	gcaataaggt	gtgtgcactt	1020
ctgtgcagac	tccgcaacct	ctccaccaag	aatgtagagc	ttcttaaata	tactgttgaa	1080
cctggacagg	ctcgaatcca	gtgaaaagca	caaaaagggg	tcaattcttg	gagttagctt	1140
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gctacttcat	tctgtttcag	tttgggaggt	agtcttatac	tcatcaacaa	ctctgcagac	1260
acttttaagg	gaactctcca	agcatctaaa	agatttaaaa	ctaaatgctg	ggtaggggca	1320
aatggatcct	gcagactgaa	tgccgtgtag	cgactatact	gaatctgcct	cagtgcctca	1380
aagtttccca	gaagaatgtc	gccaaagccac	tgggcggttg	cacaggggat	cctccactct	1440
ttggcttttt	catactttta	accagttggt	tctttacaga	tgaggactgt	gttgctgcgg	1500
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tcactatcaa	caaatccagt	cacagaaata	atatgctgtg	aacatggctt	tcctcctggt	1620
gggaaggcca	ctgggaagtg	aagggtctcg	tgcggcggtg	ccattttctt	cttctttaag	1680
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gcgctgctga	cttgactctc	acagagaagg	tgcgtgcatc	gactcgtgaa	ggtgggggtca	1800
acagtgccgc	catgtgcctg	gattatcctt	ttccagggtg	ccagcagttg	cttatcagac	1860
atctgctctg	gataatccgc	aattgcaaac	acacatccca	ataagaagcc	ttcttctgga	1920
atctccactg	ctggatcatg	tccaaaaagc	tgatgctgct	gaggcgatgg	tgggtggctgc	1980
tggtgctgct	gctgctgctg	tgaaaatgga	tgcggcggtc	gctgggggta	aggttgctga	2040
gagatctgct	gctgctgctg	ctgctggagc	tgcattatct	gctggggctg	aaggtgtaaa	2100
accgggtgct	gctgctgctg	ctgctggggc	tgctgctgct	gctgtagcat	gtgtgtctct	2160
ggagtcaact	tcacttggct	aaacagcact	gcattggcat	ttgtatgtcc	ctgctggctg	2220
tgattcacct	gctgttctaa	atttttcgta	ggtgctgaaa	gagtctgtaa	gatattgtgct	2280
acatttgatg	gccgggttcat	ctgctgaatg	tcagcattat	tagtaatatt	cctcagtgtc	2340
cgtacagctg	gactccaggt	agctatcatt	tctgatcttt	cagaactttg	gagggtttgt	2400
ccagcagcca	ttaaattacc	ccggacctca	gggggcaaaa	tgttacctgg	gacgggtggg	2460
acattggcac	acaagttaat	caaccagggc	tcctttccct	gaggcagcct	gcgttttgct	2520
gcagctaact	gtgggacttc	ggccgggggtc	cagtttaaat	ttctctcctg	tttttccggg	2580
gatgaatctg	aagaatcatc	aaacattaat	tcccctttag	atttttcagt	gttggaattta	2640
ggagaaaaact	gctgggtcacc	tgaaggagac	ccttcttgag	agctggcagg	gcttgacttc	2700
tcactctgtac	tacctcatt	ctgagaatct	tgttctcat	tttc		2744

<210> 3288
 <211> 1624
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1625)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (63)...(1286)
 <223> similar to gi3766257 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3288
 gagaatgtct tgccacccaa tgtaacaaac acctctgaat ttttttttgt ttttgacagt 60
 tttttgtctc acctaatctg gccacctttg ttttgagcgt ggtgcctcca gtgtcaatca 120
 ttgctgtaat ttatgggcga tatctacgga aactgaccaa agtcactcag gattccctgg 180
 cacaagccac tcagctagct gaggaacgta ttggaaatgt aagaactgtt cgagcttttg 240
 ggaaagaaat gactgaaatc gagaaatatg ccagcaaagt ggaccatgta atgcagttag 300
 caaggaaaga ggcattcgcc cgggctgggt tctttggagc aactgggctc tccggaaacc 360
 tgatcgtgct ttctgtcctg taaaaaggag ggctgctgat gggcagtgcc cacatgaccg 420
 tgggtgaact ctcttccttc ctaatgtatg ctttctgggt tggaaataagc attggagggtc 480
 tgagctcttt ctactcggag ctgatgaaag gactgggtgc agggggggcg ctctgggagc 540
 tcctggagag agagcccaag ctgcctttta acgaggggggt catcttaaat gagaaaagct 600
 tccaggggtgc tttggagttt aagaacgtgc attttgctta tccagctcgc ccagagggtgc 660
 ccatatttca ggatttcagc ctttccattc cgtcaggatc tgtcacggca ctggttggcc 720
 caagtgggtc tggcaaatca acagtgtctt cactcctgct gaggttgtag gaccctgctt 780
 ctggaactat tagtcttgat ggccatgaca tccgtcagct aaaccacagt tggctgagat 840
 ccaaaattgg gacagtgagt caggaaacca ttttggtttc ttgctctatt gctgagaaca 900
 ttgcttatgg tgctgatgac ccttcctctg tgaccgctga ggaaatccag agagtggctg 960
 aagtggccaa tgcagtggcc ttcattccgga atttccccca aggggtcaac actgtggttg 1020
 gagaaaagggt tgttctcctc tcaggtgggc agaaacagcg gattgcgatt gcccggtgctc 1080
 tgctaaagaa tcccaaaatt cttctcctag atgaagcaac cagtgcgctg gatgccgaaa 1140
 atgagtacct tgttcaagaa gctctagatc gactgatgga tggagaagac gtgttagttt 1200
 attgcccatc ggtctgttcc acccattaag aatgccta atggttgctt gtccttgacc 1260
 caaggaaaaa ttacctgaat agggaaaacc atgaagagcc tgcctttcaa aacccaaatg 1320
 ggatatacca gaaaacctaa tgaacaaaca aagttttatt tcagcataag gaagcaatta 1380
 ctggtaaaca atatgagact ttaatgaaa acagtgttgc agaaaaaaaaa ctcagagact 1440
 atgaaatata taaaccgata tatcaagtta tttgaaaaat acctattttt ttccaaagtg 1500
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<210> 3289
 <211> 4747
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4748)...(573)
 <223> similar to gi3288457 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3289

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<210> 3290
<211> 2817
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2818)...(1352)
<223> similar to gi4309889 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<210> 3291

<211> 446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(274)

<223> similar to gi558846 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

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<210> 3292
<211> 1101
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (16)...(640)
<223> similar to gi5832782 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 3293
<211> 364
<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(239)

<223> similar to gi804809 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3293

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gata						364

<210> 3294

<211> 1695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (389)...(1361)

<223> similar to gi3874826 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3294

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<210> 3295
 <211> 2125
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2126)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2126)...(133)
 <223> similar to gi2832906 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	3295					
tttttttttt	ttgggtggttg	tctctaatat	ttattttgtct	ggttataaaa	ttaatatgtg	60
aggagcattg	gattttggtga	gaacgtttttg	aaccctagct	gtcatgtgcc	acctgcgggga	120
tctagaccag	tgactttctca	gaactgccat	ttcctcatct	ggtagacagg	atggtaagcc	180
ctgtcttgct	cactccacgt	atggcagtg	agatgaaatg	agatcacaga	ggggaagcaa	240
ttggcagget	ggaaaagtgt	gacaaatgga	aggggtttgtg	tcaccaccct	cagctgaggt	300
agtaccaagg	tccaagctcc	tgccccctccc	cctccccagc	ccctaaatac	acacacgaat	360
ggagggccac	ttgcagcctt	ggtctgatgg	aattgggggc	aaggccacac	atcttcctca	420
agcttggcca	gatggggcct	cactgggggc	cttcagaat	cgggcatcgg	ctgtggccag	480
ctgtgtgagg	atctcctcca	actcgggtcc	atcctctggg	aaacgctcag	agaaggatcg	540
gatgaggcca	gcagctgacg	cctcgtattc	cagaagctgc	acgtctgagc	cttcaaggcg	600
agtgttgggc	tgaacaatga	gcttccgaga	ttccttacgc	agcagcaccg	tgtccctgag	660
ggtgaggaag	cactcggggg	gcgcatacgt	gactgttgca	taccctcgt	acagggccccg	720
ccctcgggcc	acatccccctg	tggacttcag	cacctgaagt	ctccgcagga	agcgctctag	780
agcaggcttg	cccacagacc	ggatcttgct	gcggtcgagg	cggaccggg	catctgggcg	840
cccatcgag	cctgtggttg	gagtgatggt	aacgagtcct	tcgccagcct	ccagcaagac	900
tctcaggatc	acaaaccggg	cctgcatatg	ggcctgtcgc	cagttgaagg	cctcaggtgt	960
gtagaactcc	agagcgagca	gcccggccccg	aacctatgtt	agccagttca	cgtagatcac	1020
gtcctccgca	tcagccccct	caaagccaaa	gatctccagc	acttgcgggg	ggagacagag	1080
gtagagaccc	acgctctcag	cccggcactc	ttcgtagctg	gaggcgatgg	tgctgaactt	1140
gctatcccag	gtctccccgc	tccgatacca	gctctgaatc	tgctcgccccg	tctctggggt	1200
gatcactggt	tcctggtcaa	agttgaatgc	tccttttttcg	tcctgtacga	agagcttgcc	1260

actgccatgg	cccagcagct	cgtgcaggcc	cacctgcaca	tcgaaggagg	gccccttcca	1320
gaggatgtac	aggtccttgt	catcctcctc	cagaaaggta	agcttctccc	gctgcgtggc	1380
gtagggcaca	gccagcacat	tccccagcga	cacgttctta	aagccttccg	tctgcctcag	1440
atcatcgtag	ttggggatgt	tgatgccggc	agggatgccg	gagccagcga	aggtgagaac	1500
atccaggggag	gtgaagtcag	gggtgaggaa	cttgtccttc	tcaaagggtg	ggggccaggg	1560
cagctccttc	agcagctgct	ctgcgctcgc	caccagccgc	tcaaacttgg	cactcatggc	1620
cttgttcacc	acagctacga	aaccttcaaa	ttctcctcgg	gaaccaaagg	ggtcgcggta	1680
gctctcgatg	aaccogatgt	aactctccac	gatggggcct	ttgtcctgga	tccagaagcg	1740
ggagcccctc	ttgtgggcct	cgatggagcc	ctgggtgaag	ctctctatat	actggggccag	1800
catctgcccc	tggtggctgt	tggtctcata	ggccttggct	ttctccagct	gctccaccac	1860
cttctggagg	atgggcgcgt	agtccccccg	ggtcacctgg	aaagggttc	cccgaattc	1920
atagctcttc	agcttgggaag	tcacctcaga	gtccagggaa	ggctctgagc	caagcacaga	1980
agccagccgc	acctcgtagt	agggcttccc	ttctccatcg	acctctttaa	gagccgggtg	2040
ttgtaggcac	tgaggttctg	tgagtccaga	aagtcctggn	caatttgga	tcttccatgg	2100
tacaattccc	agagaaatag	gtggt				2125

<210> 3296
 <211> 679
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (641)...(345)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	3296					
ccagacatca	tcctagcact	taaggagctg	gaagcagagg	tatcatttaa	actacttcct	60
ctgcttccag	acatcatcct	agcacttaag	gagctggaag	gttgaacaga	aattcttctt	120
ggaatccttg	aagggtttaga	ctccattctt	aaagattgga	ttctgaatat	caggtaacat	180
ttttattttg	aatatatgta	tacagccttt	ttcaaaatcc	ctagggccac	tcttttgggg	240
gtattttaaaa	aatgtgttag	ctggatctga	ggcatcctgt	aatcaaaacc	aatatatatg	300
tagcaaaatg	aataacattt	ttcaaacttt	ttggacttca	gaattatgga	taacagattg	360
taacctcata	taaaatcata	cttttgcgct	ggggaacggt	cgtcacgcct	gtaatcccag	420
cactttggga	ggctgagact	ggcagatcat	ttgaggtcag	gagttcgaga	ccagcctggc	480
caacatgacg	aaaccccgtc	tcgactaaaa	atacaaaaaa	attagctgga	catggtggca	540
cccattctcta	ctcccagcta	cttgggaggg	cgaagaggga	ggattgcttg	aaccaggag	600
gtggaggttg	cagtgaagctg	agatcatgag	actgcactcc	agcctgggtg	acagagtcca	660
gactccatct	caaaaaaaaa					679

<210> 3297
 <211> 2228
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (72)...(956)
 <223> similar to gi3386611 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3297

ggtttgcttc	ctttcccagc	atcaatctcc	agcaaagtct	aaaagaagtc	cccaaaaggt	60
ttgggggatga	gagaggtgcc	attgttcatt	acacgattct	caataacccat	gtttaccgga	120
gatcttttagg	gaaatacaca	gacttcaaga	tggtctctga	tgagattttg	ttatcattga	180
caagaaaggt	ccttctccca	gatttagaat	tttatgttaa	tcttgagat	tggcccttgg	240
agcatcgaaa	agtcaatgga	acccttagcc	ccatacctat	catttcatgg	tgtggctctc	300
tggtttcaag	agatgtttgc	cttccaacgt	atgacatcac	ccactccatg	cttgaagcca	360
tgcggggtgt	tacaaatgat	ctcctctcta	ttcagggaaa	tacagggcct	tcctggatca	420
ataaaacaga	gagagctttc	ttcagaggta	gagacagccg	agaggagagg	ctccagttgg	480
tacagctgtc	caaagaaaat	cctcagctac	tagatgcagg	aattacagga	tatttctttt	540
tccaagagaa	agaaaaggag	cttggaaaag	ccaagttgat	gggtttactt	gatacttgta	600
cttaaagaaa	tgtggatggg	accgtggctg	cttacagata	tccatatctc	atgctgggcg	660
acagtctggt	tttaaagcag	gactcgccat	attatgaaca	tttctacatg	gcactagaac	720
cttggaagca	ttatgttcca	attaaaagaa	atctgagtga	tttattagag	aaagttaa	780
gggctaagga	aatgatgaa	gaagccaaga	agattgcaaa	agaaggacag	ttgatggcta	840
gggacctact	acagccacac	aggctttact	gctactatta	ccaagtactg	cagaaatatg	900
ccgagcgcca	gtccagcaaa	cccgaagtac	gtgatggaat	ggaacttggt	cctcagccag	960
aagatagcac	agccatctgc	cagtgccaca	ggaaaaagcc	ttcaagagaa	gaactttgag	1020
tcagcccaga	atcacactcc	tgtgtatccc	ggctacactt	taaggaaaaga	ttgaatctaa	1080
gctgtgaagg	acagtataga	agactgcacc	aagtggacta	gttctcccgg	tggctttata	1140
tatgtagatg	gatatagcag	tactggttga	gtatccctca	tctgaaatgc	ttaggaccag	1200
gagtgtttca	ggcttcagat	tttttaagat	ttgggaatat	ttgcatgtac	ataatgaggt	1260
atcttgggga	tgagatccaa	gtctaaacac	aaaattcatt	tatatatttat	atataccttg	1320
ttcacatacc	ctgaaggtaa	ttttatataa	tattttta	aatttgtgca	tgaaacaaag	1380
tttgatataca	ttgaactgtc	agaaagcaaa	ggtgtcacta	tcttagcgac	ccaagtgggtg	1440
gtgtcagcac	tcaaaaagtt	ttggattttg	gggtatttca	gatttttagat	ttttgtatga	1500
ggaatgttca	acctgtattt	gaacgaagca	ttaccaaata	tcgattgaat	attaatatct	1560
tttgcgtaaa	aactgctatt	atcagcatca	tagtttctct	aaaaagaaaa	cttgggggatc	1620
atagccgata	gagagacttg	ctaaaatata	aatcagcctc	tgcaaaaactg	tttacctatt	1680
tattggttta	catattttat	tggttttatt	ctatcccctg	ttcacttttt	ctcttccact	1740
tccaattatg	aagagaaaat	atgtgttcag	ggttgtcccc	ccgccccccg	tactgcata	1800
atctctcctc	ttacaagctg	cttttggtt	tcattaataa	cagcttcctt	ttagaagggtc	1860
tgataaggat	atttaaggaa	gaagagaatg	actctgttat	taaagggtggc	atggagactg	1920
tggagggaat	atttttttaa	gcactactca	tatcctttta	actaaatttt	gccaaagccc	1980
gagacaacat	taaggagaaa	ttgtacctta	agttagta	ttccaaatcta	tctgagttgt	2040
atacccatca	aagacaatac	agttattaac	atagatgaag	gtatgctata	ggcatcattc	2100
attatctcta	tattgaatag	gtgaaagata	actgtagtca	ggtgaaaggc	attcattatt	2160
tttaagctga	aaaggggatc	cttgaaaaca	ctgaaaacct	ctacaacaat	cttcagggaag	2220
cctgcttg						2228

<210> 3298
 <211> 2017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (107)...(296)
 <223> similar to gi2198815 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3298

tttcgtg	cgg	gagatcagag	gtcccgc	cgt	cccgcgcctg	acctcggctg	aggacaggca	60
ccgccat	ggg	ccacacgcac	acagccc	gga	gttgcagcgg	accggcagag	attacagcct	120
ggactac	cctg	cccttccgcc	tatgggtggg	catctgggtg	gctaccctttt	gcctgggtgct	180	
ggtggcc	caca	gaggccagtg	tgctgggtgcg	ctacttcacc	cgcttcactg	aggaagggtt	240	
ctgtgcc	cctc	atcagcctca	tcttcatcta	cgatgctgtg	ggcaaaatgc	tgaacttgac	300	
ccatac	cctat	cctatccaga	agcctgggtc	ctctgcctac	gggtgcctct	gccaataccc	360	
aggccc	cagga	ggaaatgagt	ctcaatggat	aaggacaagg	ccaaaagaca	gagacgacat	420	
cgtaag	catg	gacttaggcc	tgatcaatgc	atccttgctg	ccgccacctg	agtgcacccg	480	
gcaggg	aggc	caccctcgtg	gccctggctg	tcatacagtc	ccagacattg	ccttcttctc	540	
ccttct	cctc	tctcttactt	ctttcttctt	tgctatggcc	ctcaagtgtg	taaagaccag	600	
ccgctt	cctt	ccctctgtgg	tgcgcaaagg	gctcagcgac	ttctcctcag	tcctggccat	660	
cctgct	cggc	tgtggccttg	atgctttcct	gggcctagcc	acaccaaagc	tcattggtacc	720	
cagagag	gttc	aagcccacac	tccctgggcg	tggctggctg	gtgtcacctt	ttggagccaa	780	
cccctg	gtgg	tggagtgtgg	cagctgccct	gcctgccctg	ctgctgtcta	tcctcatctt	840	
catggac	caa	cagatcacag	cagtcacctt	caaccgcatg	gaatacagac	tgcagaaggg	900	
agctgg	cctt	cacctggacc	tcttctgtgt	ggctgtgctg	atgctactca	catcagcgct	960	
tggact	gcct	tggatgtct	cagccactgt	catctccctg	gctcacatgg	acagtcttcg	1020	
gagagag	agc	agagcctgtg	ccccggggga	gcgcccac	ttcctgggta	tcagggaaca	1080	
gaggct	gaca	ggcctgggtg	tgttcatcct	tacaggagcc	tccatcttcc	tggcacctgt	1140	
gctcaag	ttc	attccaatgc	ctgtgctcta	tggcatcttc	ctgtatatgg	gggtggcagc	1200	
gctcag	cagc	attcagttca	ctaatagggt	gaagctgttg	cttgatgcca	gcaaaacacc	1260	
agccag	acct	gctactcttg	cggcatgtgc	ctctgaccag	ggtccacctc	ttcacagcca	1320	
tcagct	tttg	cctgtctggg	gctgcttttg	gataatcaag	tctacccctg	cagccatcat	1380	
cttcccc	cctc	atgttgctgg	gccttggtgg	ggtccgaaag	gccctggaga	gggttttttc	1440	
accacag	gaa	ctcctctggc	tggatgagct	gatgccagag	gaggagagaa	gcatccctga	1500	
gaagggg	gctg	gagccagaac	actcattcag	tggaaagtgc	agtgaagatt	cagagctgat	1560	
gtatcag	cca	aaggctccag	aaatcaacat	ttctgtgaat	tagctggagt	aggagtctgg	1620	
gagtgg	agac	cccaggaaac	agcatgaggt	gcttactcag	gaagtcagga	catttttggc	1680	
ctttgg	ccta	acttccagat	gctcagtcgg	cttgggggaag	gactgaaggg	cagctgccaa	1740	
gacctc	agtt	acctcctgac	ctgaggggtg	agagtggcag	gaagcaagca	tgtttgctgt	1800	
gcactta	gga	aaggctggtg	agccagaggg	actgatcagg	ccccattcac	tctctactca	1860	
ttaaaag	gtc	ctgagccacg	aagcgcttcc	cattttgaac	tttctgtcct	cacagattct	1920	
gtttgac	aga	atctaagggc	catcagggaa	ctcttttcat	cttgcaaaga	gaaaaagcca	1980	
gtcttt	ccag	aataaatatt	catctgtttg	aaataaa			2017	

<210> 3299
 <211> 1056
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1046)...(9)
 <223> similar to gi5917666 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3299
 tttcgtgttc tgggaacgca gcagtgaccg gcctgtccgg tggttccctg ccaggtgcgg 60
 ggtgtgagga gacagatgca tggataagtc tccgtgggaa actcaggcct ttgtcctggc 120
 ggaggggaat ggggtctgagg cagcctctgc cgggctggcg gcctgtctgg ctgcgcgtcc 180
 tgcagcaccg gcctcaccac cagcacacgc ccgccaggag cgcaggggcc ccgaggatgg 240
 aagcgtctgt ctgaggcgct gtcctgggac cccaccccg cttcggggct gatgcacaga 300
 ccgggaattg aggataacct gtgtggagga ggccgctgtg tttgggcctg ggtctgaagg 360
 gtgagtgggt gtcattgtgg ccacggggcc gggtcggggg agcattcagg tggccggagg 420
 aggctggca cagggaagg cagtgagggg cccgggtggg gccaggagat agaggggcgg 480
 gaccaggcct gtgggacagt ttgaatcacg cggggagttt ggtctttatg ggaagaaagg 540
 cgccgtggcc attcggagag ccaactctggc actgctgccg gtgcggtccg gggctgcggg 600
 gcctcctcct gggcctgaac tgcagggctg gtgggggcca tgggggaagg tggctccaca 660
 ggtccccgga gctgggggag caggaggatg gggttgacca ggagggaaag ctatggagct 720
 ggagaatgca ggaggcccc gaggggaggt gcagccagcg ctggtgggga ggcctctgag 780
 gggtagcgcg taattgacat cacgggtgtg ggtgagagtg gctttcaaag catcggtctg 840
 agcaggggtcc ccattaaagc cagagacgct gacgccatgg ggctgggggt ggggctgggc 900
 cggggctttg ggaggtccga actccccagc agggagccag ggctctgggc cagttcccag 960
 gccaggttaa tcttcagtag aatcgatcga ccttggtctc gaggggttga ggcagggatg 1020
 ggcaaagggt gaggggtgag gcgcacgaat ggcgaa 1056

<210> 3300
 <211> 430
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (36)...(283)
 <223> similar to gil619929 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3300
 cataattcgg cagcagggaa accaggagc cccctactt cagtgtagag tcagcaaac 60
 ctgtgcagga cttctatgcc aaaattataa agcactgacg aaagaaagtg aaaggatct 120
 aagtaataa ggagacatac catgttcatt aattttaaga ctcaacatag caaagtcgtc 180
 aattcttccc aaatggatgt gggtttaatg caattcctat caaaatctca gcaatagtgt 240
 ttctagataa agacaaaatt attctaacat ttacatggaa aagcaagtga actagaatag 300
 ctcaaacaat tctggatgaa aagaacaaac tagtaggaat caatttcaat atagctacgt 360
 aatcaagacc ctgtggtatt gctgaagaaa cagacacata gatcaatgga actaacacaa 420
 tataaccaca 430

<210> 3301
 <211> 2248
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1973)...(1345)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3301

gcgggtattcg	gcacgagctt	ccctccctcc	cttctctcgt	ctcctcccca	ctgcgcctcc	60
ctccctcctg	gccttccttc	ccttaccoga	ctttgcagat	ttctcttccc	ccaggcctcc	120
ctcctccacc	tctccgcccc	ctccgggctt	ggctctccca	ggaggctacg	actggagcca	180
ctgggtcccgc	aggatccccg	cgctctcggt	cgccgcgtcc	acgtccctct	cgcgctccccg	240
cccggcgcca	cgccgcctcc	tctgggttcg	gcctccgcgc	ggtgcagcgc	agtctcaggc	300
cgcggggacaa	gccccgactta	aatctctgca	atggctaacg	aagcttatcc	ttgtccgtgt	360
gacattggcc	acagacttga	gtatggaggg	ctaggccgtg	aagttcaagt	cgagcacatc	420
aaggcttatg	tcaccaaata	ccccgttgat	gcaggcaaaag	ctgtgattgt	cattcaagat	480
atatttggt	ggcagttgcc	caataccaga	tatatagctg	acatgatctc	aggaaatgga	540
tacacaacca	ttgttccaga	cttctttgta	gggcaagagc	cttgggaccc	ctctggcgac	600
tgggtctatct	tccctgagtg	gctgaaaaca	agaaatgccc	agaagatcga	tagagagatc	660
agtgtctatct	tgaagtatct	gaaacaacag	tgtcatgccc	agaaaatttg	catcgtggga	720
ttctgctggg	gtggaactgc	tgtccatcat	ttgatgatga	aatactcaga	attcagggca	780
gggggtgtccg	tctatggcat	cgtcaaggat	tctgaagaca	tttacaattt	aaagaacccc	840
actttgttca	tttttgctga	aaatgatgtt	gtgattccac	tcaaggacgt	atctttgctg	900
actcagaagt	tgaagaaca	ctgcaaagtt	gaatatcaaa	ttaaaacatt	ttctgggcag	960
actcatgggt	tcgtgcatcg	gaagagagaa	gattgctcac	ctgcagacaa	gccctacatt	1020
gacgaggcca	gaaggaattt	aattgagtg	ctgaacaagt	acatgtagca	agaatcaagg	1080
gcaagccttc	ctagaatagc	tttcatccca	aaatttgctt	ggaaatagtt	agatcatttg	1140
atttaatttt	cacttttata	aaataagtgt	aggaatccta	aaattgatta	tttcatttga	1200
aacacaaatt	cagtaggacg	taatgcatga	aataatttaa	tttttgacat	gtacatcgaa	1260
tcataattta	aaaacaaggt	ctgaccaggt	gtagtgcctc	atgcctgtaa	ttccagcact	1320
ttggggaggcc	aaagtgggtg	gatcacctga	ggtcaggagt	ttgagaccag	cctggccaac	1380
atgggtgagac	cccatctcta	caaaaaatac	aaaaattagc	ctgggtgtgt	ggtgcacgcc	1440
tgtagtccca	gctacttggg	aggctgaggc	acaagaatca	atagaaccca	ggagggtggag	1500
actgcagtga	gccaagattg	tgccactact	gtactctagc	ctgggcagca	gagtgcagacc	1560
ctgtctcaaa	aataaataag	taaataaata	aataaataaa	ataaaaaacca	ggtcagtacc	1620
tggagaattt	gaatgataga	gaatgataga	gtaataccct	aattattagt	taaaacctac	1680
aggccgggtg	cggtggctca	cgctgtaat	cccagcactt	tgggaggccg	aggtgggtgg	1740
atcacttgag	gtcaggagtt	caagaccagc	ctggccaaca	tgggtgaaacc	ccatctctac	1800
taaaaatata	aaaatcagcc	gggcattggt	gcatgtgcct	gtaatcccag	ctactcagga	1860
gtctgaggag	gagaatcact	tgaacctgga	ggcagagggt	gcagtgcgtc	gaggttgcgc	1920
tactgcactc	cagcctggac	aacagaggga	gactctgtct	ccaaaaaaaa	aaaaacctac	1980
agctgttcaa	ggaccagctg	acaggtcaag	tgtggccttt	tctggtcttt	gaacacatca	2040
tagaaagtga	caaagtctgc	aaagccatga	agaacatgaa	ctataaacgg	gtagactaac	2100
tgcccagctt	agacacttat	ctatgccaca	aaacagctga	atttgtcaca	tttatatatt	2160
gcaatatggg	aagtattgag	atcaaaacag	gattccattg	acctaattat	attaagctaa	2220
taaactaatt	ttttgaattt	ttgaaaaa				2248

<210> 3302
 <211> 2352
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1238)
 <223> similar to gi36603 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

00483735.012100

<400> 3302
 cggctccggg agctctgtca acagtggcta cagcccgaga cccataccaa ggagcagatc 60
 ctggagctgc tgggtgctgga gcagtttctg atcatcctgc ctaaggagct ccaggcccgg 120
 gtgcaggagc atcacccaga gagcaggagg gacgtgggtg ttgttctgga ggatttgcag 180
 ctggatcttg gagaaacagg acaacagggtg gaccagacc agccaaagaa acaaaaaata 240
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<210> 3303
 <211> 2900
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(2637)
 <223> similar to gi4028015 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3303

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<210> 3304
 <211> 1911
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1881)...(1582)
 <223> similar to gill177607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 3305

<211> 5433

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(2065)

<223> similar to gi5902966 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3305

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<211> 895
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (802)...(236)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3306						
tttttttttt	ttagagactg	tctcaactctg	tcacccaggc	tgaagtgcag	tggcacgaac	60
ctcagctcac	tgcaacctcc	acttcctggg	ttcaagtgat	tctcctgccc	cagcctccca	120
agtagctggg	accacaggca	atgcaccacc	acaccaagct	aatttttgta	tttttagtag	180
agatgagggt	tcaacctatg	tgccagggt	gggtcttgaa	ctcctgacct	caagtgatcc	240
acctaccaca	gcctcctaaa	gtactgggat	tacaagcatg	agccactaca	cccgaacctca	300
tagtagtttt	gatttacact	tcctaatga	ttgtgtccag	catctactgg	ccatttggtta	360
gtgggttttt	tcttctttta	agaactgctg	agacatccat	aaacattttc	aaaatgcagg	420
gtatgttttt	cagtgttaag	gcaactgttc	tgatgtgttt	ttcctttgct	ctctatcacc	480
aaatactgta	catataaata	gtaagactgg	gctttgtgtt	gtccattggt	aatcctaaat	540
gcaacaaaac	acatggagac	tttgaaaatc	cttcagaata	atgctatagt	taagattttg	600
ctaaagcaag	tgttttttct	aactccttga	gctgcatatt	gccttgagta	atcatcatcc	660
ggattgtatc	ctcttcgggtg	gcacttttgt	ttcttctgaa	ttcttctctt	gcccattctt	720
tcagggtat	gcgatcagaa	tcatttgga	cttgccgaat	tgtttgcaaa	atccttctgt	780
agaggagaag	aacttggtgc	cttcttacga	actgctttaa	cgttagcgtc	gctgggggta	840
agcgggaagc	agccatgtcc	accagagcca	caggccgggtc	aatggggcct	tcgat	895

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<210> 3307
<211> 2130
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (685)...(1841)
<223> similar to gi5524739 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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094837.01.00

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<400> 3307
gggtcgaccc acgcgtccga tggagtgtag gccggccggc gagactgcac ctcccagcat    60
gccttgccagc caggactgga gtcggtactt aagagtgatg gggttcccta gatacttttag    120
gccgtcgcat cgattataga gattgaggtg gaacccgggg cctgggaact ggacgcacgc    180
ggagggcgaa gatggaagcc tggcgctgtg tgaggaaggg ctacggccac tgtgtggtgg    240
gaagaggccg ataccccatg tttcccatc actcgaggag tctgggcaga gactggacta    300
caccgtggga gaatctgcaa aggtgttgct ggaacagaca tatttctagt tgtatgaggt    360
ggcctggaca ttactctcga gtccttacc catacttcag tagtaggcat ttttactaa    420
attggagacc accctgtttg tttgagtcta gaactcagtt ccagtactgt aactggagac    480
ctgacaacct gagccagaca tctttgattc atctctctag ttacgtcatg aacgctgagg    540
gagatgagcc ttcataaaaa cgaagaaac accaaggtgt gataaagcgg aattgggaat    600
atatatgtag ccatgataaa gaaaaaacga agatcctagg agacaaaaat gttgatccca    660
aatgtgaaga cagtgaagaac aagtttgagc ttttcagtg tgcctataa tatactttca    720
caagaattcg gcacgaggat aactctcacc tttatagaca ttgccggcgg ccagtattac    780
actggagttt taggtttccc aatatctctg aaaggaattt aaacattttg gtggcagacg    840
tactttgggt tgcaagaagt tcaagaagat cattatggag cagagatcag gccaagtttg    900
gaatcactgg gttatcactg tgaatataag atgcggacag gaaggaaacc tgatggctgt    960
gctatttgct tcaaacattc caaattttca ctctgtcag tgaaccagc ggaattcttc   1020
cgccctgata tttctctgtt ggacagagac aatgttgagg ttagttttac tcttacagcc   1080
caaaattcca tatgcttgcc tgccctgcaa tctggcgtag caaattacgg catctgttgt   1140
attaatccag ggcgaggtga tattaaggtt gacgcaattg gcaatgctac tggcagagat   1200
ttccagtgtt gccaccaga aagatggcag cttctgccct attgttatgt gtggtgactt   1260
taattctgtt cctggttctc cactatatag tttcataaag gaaggaaaat tgaattatga   1320
aggacttccc ataggaaagg tatctggcca ggaacagctc tcacggggac aaagaatttt   1380
atctattcca atttggtccc caaacctagg tatctcacag aactgtgtgt atgaggtaca   1440
gcaggtacca aaagtagaaa agacagacag tgatctgaca caaacacagc tgaagcaaac   1500
agaggtccta gtgacagctg aaaaattgtc ttcaaattta cagcaccatt tcagtttgtc   1560
atctgtttat tcacattact ttctgacac tgggaattcca gaagtacca cctgtcattc   1620
ccgaagtgcc ataactgtgg attatatatt ctactctgca gaaaaggaag atgttgctgg   1680
gcaccagga gctgaagttg ctttggttgg tggcttgaac cttctagcta gactgtcact   1740
tcttacagaa caagacttat ggactgttaa tggacttcca aacgaaaata actcttcaga   1800
tcatctgcct ttattggcaa agttcagact tgagctctga ctctctttga tcacatacta   1860
attttctttc caatttgtat tgtttttcaa agaattgtaa gttcttaagt gtatgcatgt   1920
tgtttatatt tgcactgtgg agattctgaa gcggttatgt tagatgcttt gaaactccat   1980
atcagaagaa ataactttat aacaattttt ttaataatg aaaaatattt tcctgacaag   2040
tgagctctaa attctcttta ttgtaaaaga gatgtaaagg ttttatattc taaatcctag   2100
taaaattgac agtgattttt aaaaaaaaaa                                2130

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<210> 3308

<211> 3569

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(2856)

<223> similar to gi219944 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

Run with FASTXY 3.3t00, default parameters

<400> 3310

ctgcggcccc	tgccggttac	ataactcggt	gcggggtccg	cgcggtccca	cttcccggct	60
cccttcgcct	ccaggatgcg	ctgagcccta	caacaccccc	agcgggccgc	ggctccccca	120
cgagggtgtga	atgacagagg	tggtgccatc	cagcgcgctc	agcgagggtca	gcctgcgcct	180
cctctgccac	gatgacatag	acactgtgaa	gcacctgtgt	ggcgactggt	tccccatcga	240
gtacccagac	tcatggtatc	gtgatatcac	atccaacaag	aagtctcttt	cccttgctgc	300
aacctacaga	ggtgccattg	tggaatgat	agtagctgaa	attaagaaca	ggaccaaagt	360
acataaagag	gatggagata	ttctagcatc	caacttctct	gttgacacac	aagtcgcgta	420
catcctaagt	ctgggcgctg	tgaaagagtt	caggaagcac	ggcatagggt	ccctcttact	480
tgaaagttta	aaggatcaca	tatcaaccac	cgcccaggac	cactgcaaag	ccattttacct	540
gcatgtcctc	accaccaaca	acacagcaat	aaacttctat	gaaaacagag	acttcaagca	600
gcaccactat	ctcccttatt	actactccat	tcgagggggc	ctcaaagatg	gcttcacctta	660
tgtcctctac	atcaacggcg	ggcaccctcc	ctggacgatt	ttggactaca	tccagcacct	720
gggctctgca	ctagccagcc	tgagcccctg	ctccattccg	cacagagtct	accgccaggc	780
ccacagcctg	ctctgcagct	tctgccatg	gtcgggcac	tcttccaaga	gtggcatcga	840
gtacagccgg	accatgtgat	gtcggctggg	cagccgccac	caggccccac	ccttcggccg	900
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tgccccctg	cgcatgcacc	atccccagg	ctgaccaggt	gtggctgcat	tactggggag	1200
gggctgccc	tactggggc	tctccactc	cgtgcctgt	tcttgagct	ccttccctgga	1260
aagctggagg	ggactttctc	ctgcaaggga	ggaacgcaag	tattatggac	acacttgacc	1320
gtaaaggcac	aggagcctcg	gaacaagggg	gcgcaataaa	gggaatggcc	cgtccccttc	1380
cagaaccagc	ccaaagaagc	ctgggggggtg	aggagtggcc	ccactcctc	catgaggggc	1440
tgatgagggg	tgggcagcct	gggggaggct	ttcctcgcaa	gcacagagct	ctgaggctca	1500
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agttaccagt	gccctgggag	gtcacactgc	cgtgcggacc	ttggcatgct	ccattcagct	1620
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gccatggcag	agggtcctag	cggcgccacc	ctgcccagc	ctgaggagga	gggagaggga	2040
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cagccacggg	ctctcagggt	gctggggcag	ccccagggtc	cctcttgaac	tcagctgggg	2160
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ccagctcag	cgcctctcc	actgcgaatc	agtggcgatc	atgtgatttc	tatttctgcc	2400
ccacagggtg	agggacaggt	cttctggaag	gctctgccat	ggacatttgt	cctcgggctc	2460
agaggcccca	ccctgcccc	cacctgccc	taatcactgc	agtgtccagc	ccagtgttga	2520
acagattgta	gcgttctgtc	tcattacgag	caaataaata	gactttcatt	ggaaa	2575

<210> 3311

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (409)...(131)

<223> similar to gill177607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3311

gcaaatataag	acaggagcag	ctcctgggag	aagcagacac	caaacaatac	ggctgctggc	60
ccagagggtca	aaaaccatgg	cctagagggg	gcggtcagga	agtgggacat	taggccgggc	120
gtgggtggccc	atgcctgcaa	tcccagcatc	tttggaggcc	aaggcaagtg	gatcacctga	180
gttcaggagt	ttgagaccag	cctggccaac	atggtgagac	ttcgtctcta	ctaaaaatac	240
aaaaaaaaatt	cgctgggctt	ggtggcgggt	gcctgtaatc	ccagctactc	gggaggctga	300
ggcacaagaa	tcccttgagc	ctggggaggc	agaggttgca	gtgagccaag	atcgaccac	360
tgcactccag	cctgggcaac	agagcaagac	tccatctcaa	aaaaaaaa		408

<210> 3312

<211> 1931

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1774)...(1255)

<223> similar to gi3212854 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3312

tttttttttt	ttgggtgttt	tattatattat	ttacttgaca	ggtaacatcg	atttggctct	60
acaagacacc	atgctatagg	cttagctact	tgctgttgca	caagagaact	ttcctgaact	120
ctcaggaagc	ccttgcatgg	cctatcgagg	acagctcagt	cactgaaggg	aaaaattcca	180
taccaaagaa	gagagaaaaa	ttccatacca	aagaacagac	ttcccccagg	gaacctccgt	240
cctacagccc	ttcagggccca	tcacactcac	acacatcagc	catcatcaaa	atagtggcca	300
tgctgggaag	aacaggagtc	ctgaactaga	aggtggtctt	caaaccatgg	cgtaccgatt	360
tatgtatatt	acagatagat	aaattaagag	gtctacatga	ataaaaaatc	tctcaaaggg	420
gaacgaattc	cattctgtca	tgccagggtg	ttgtcagaac	cttgaaaacg	aaggtggttt	480
tcagtggagc	ttgtattaaa	aatagaaggt	atttatacac	aggccctgct	cctctcatgg	540
ccatgaaatc	ctctggtggt	gtcaggagcc	ctgggcaacc	tcagcacccc	tacgggtagc	600
ccatctgcag	tctgcatctt	ccgggagagc	aggggactcg	taccggggct	tttctcctgg	660
gtccccatct	cggtttggcg	acgcctccgg	acccaggggc	tgccagaggg	agtgcgctg	720
ctgtcagagg	aataatccat	acacttgccg	aagatctcag	ggctgggtgct	gcagttcagt	780
ctaccttctt	ccgccagtgg	ggactttctg	gaaacgcctt	tgcggtgggc	caaggggctg	840
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gggctgagct	tggttggtggc	cgcgtgccgt	cggcccgcga	taggggatgt	ggggttgctc	960
tcgggggtcag	aggagctggt	ggcagaagac	tcatcaccca	tgtactgaag	ctcctcgact	1020
ctcttggttca	gggacttggt	caggtggatg	ctcgcagtg	gctcctcgtc	atgatttttg	1080

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tctttggcag gtttcttttt ggggtggcttc ataccaatca ggacagcttt catgtttctct 1140
ttgccctgag attctgtgat catgaactca tgggctttga tggctgcttc cacctcctcg 1200
aactccacga tggcacactc ctgggtcccc acttggctgt agcggctgct gatcctccgg 1260
atgtcagggg gcagctctct cccagggttg aggatccgca ctgatgagat gactccaaaa 1320
gtcccgaaaa gcttgagcag gtgttccatc accttctctt gcacccttcc attcttctgg 1380
ggggtggcca gagcccacag cttaggagac aagtagagat catagcccag gagcatcttg 1440
ctggggagggt tctcgttggg gaacagtggg acgggggtgg tcctcctcac cttccggtgg 1500
tcctcattca actcaaggac cactgaatac ttcaaagcat gtgctgtggt tctccagtcc 1560
cgtgtaagat gtttcacctt tttgaaggat gtgagtagct taacgctcac atatcccagc 1620
ttgttcctcc tcacgtgttt tagcaaaaag gcgtccttct ccagggttttc atcagaaaag 1680
tagaattaaa tctgggtccac cagtttcttg atcaactcct catccggggg cttccactcc 1740
tgctccagggt cctcacgctc gttctcacct ccacttgacg tgggtgccact gtgcccgcg 1800
ctcggtcctt cctcgctcgc gctgccccag cgggggctga ggtaccgggc cgggtccccg 1860
gcgccccgag tctccgcccc aacctcatcg tcctccaact cgtccacgct ctcggcctct 1920
tggcctcggtg c 1931

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<210> 3313
<211> 511
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (24)...(155)
<223> similar to gil799988 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3313
gaattcgagc tgcgcgacccg gagatccgta accgtgagaa gacccatcat tatgcccga 60
tgggttacac agaataattat gaatggccgc ggcgttaatc gtctggatga tgttaatcgg 120
ccaaaaagcc cggaaatcaa gaacgatatt cgtctgttcc gccaggagct gcgtgatgcc 180
gcttatcatt tccaggggcg tgccgacaac gatcagcttt ctgtaacgcc gctagtgggg 240
ctggggaaat cgagtctgtt gaacaagacc attttccatc ttatgccttg tgccgagcag 300
aaactaacca tctgtacgcc atacttcaac ctgccagcaa tccttgtgcg caatattatc 360
cagttgctgc gcgaaggga aaaggtcgaa attattgttg gtgataaaac cggaatgcc 420
ttctacattc cgtacgatgc gcctaacatg ataatcgga cgggtgcttca tctctatacg 480
atgtacgggt cgcgacattg aattcgtaat c 511

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<210> 3314
<211> 1227
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(270)

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<223> similar to gil710216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3314

cagttttttt	ttttttttt	tgctgcatga	ttttattact	ataaatatac	agtaaaaacg	60
aaccaacgat	gagcccatct	gagcacatca	gacggcagca	catgggagtc	ccagcgggcc	120
actctgcggc	ccgaacttca	cgcaaagctc	tggcaccagg	actgatggcc	agaggctggg	180
gccttggtgg	gggcgggggg	cgggcggtgc	agggggctgt	gtgtgttgtt	ggggagaggt	240
gcatgggggg	agagaggtgc	ttgggggtgg	gtagaggtgc	gtgggagatg	ctcgggtccga	300
gtgcacacac	atgcatggga	acatgtgcag	gagtatgtgc	gtgtgtgtat	gcgtgacagc	360
atgtgtgagc	gtgagtgtgc	atgtgtgaac	gtgtgcgtga	gcatgtgcaa	gtgggcgtgc	420
atttgtgtgt	gtgtacgtgt	gagcgcacat	gcgtgcctgt	gcacgagcgg	gaggggtggc	480
tggcctgggt	gtgcagggag	ctgggtgtga	ggaccgtgct	gtccactgct	gggtctcgcc	540
caggaggcag	agctcatgct	cggagccacc	gtgagcctca	gggagggtac	tgagctgccc	600
cacagccgac	ctgtccccag	gccccactg	cagggcagcc	ctccagagcc	aggtgagcag	660
cagacacctt	gcctggccca	aggctccgca	ggggtggatc	catgccctgg	gtcaccacgg	720
cccaggcact	ccctttgcca	tctgcggccc	caggaggttt	acctataaaa	aaaacaaaca	780
aacaaacaaa	caaaacagga	cgaggtcgcc	cagaggccaa	gcctccccgg	ccgggacccc	840
attccccagg	tgtgctgctg	gcttcctcct	ccctgggccc	agcctgccac	agaaagcctg	900
agacagaaca	aaccaaatac	gagagaactg	caagggggcc	gggcgcggag	gctcacgcct	960
gtaatctcag	cactctggga	ggccgaggca	ggtggatgac	cttaggagtt	tgagaccagc	1020
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tggtaggcac	ctgtaatccc	cagctactca	ggagccctaag	gcaggacgat	cacttgaacc	1140
cgggaggcgg	aggttgagc	gacccgagat	tgagccactg	cactccagcc	tgggcagcaa	1200
gagtgaact	ccatctcaaa	aaaaaaa				1227

<210> 3315

<211> 1504

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1401)...(1143)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3315

gacttccgac	gagctgggtc	ggggacacgg	tgaagaggct	ccagcgggac	ctgcccacatca	60
gtcctgggcc	aggaggggct	ccaagcagca	cccagcggtc	cgggggagtc	tcagaccggg	120
catgcgtggc	tggcagacct	gggagagcca	gggcagggtt	ttgcgttcag	agaaggattg	180
ccccagagac	ccgtggtgga	cttcatgggt	gctgagtggc	ccgtgtgaca	gtgatgacac	240
gaaggcttcg	gcgtttgagt	gggtgcaggt	gcacgccagg	gcttgggtgct	tccctgcctg	300
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gccagcagg	tgtggggggg	gctgcagccc	tggcagtggt	ggtcaggccc	tgggggatgt	420
ttccaatggt	gggcagcctg	gccaggccgg	agaagacatg	ttcacgggca	tctatcagat	480
gcccccttga	ggaggctgag	ttatttgagg	gctgctgcaa	agtacgctag	gctcaaattc	540

tcttttccca	gccagagccc	tggccacacg	gactcagagg	ggccaccggg	gtgggggaaag	600
gaccctccc	ccaccccccg	cagccactgg	cctccagctc	tcggccacag	aatggcctct	660
aaggctgact	cagccgctcc	cttgggctgt	ggcagcagga	ggcgggggct	ctggctcagg	720
ccccggagcc	tgtgcagctt	gcccattggc	ctaggcagcg	aggggacagc	ctgggggact	780
tctgcctag	gcaaggtc	tggccggggc	tggcctgtgg	atagtggggc	caggggccc	840
cccaggccaa	atgagtggcc	tccttggtat	gacaccaagt	gactacaagg	gaggcaagac	900
ccctccaggc	ctctcagccg	acactgggtc	ccaccacaca	cagtgactgt	gccgtgcagt	960
gcaggttctg	gccttttcct	tgaaggcatc	tggtagaccc	gaagccacgc	tctcggggccg	1020
cacatgcacg	ccgcagcacc	agctgccctg	agctgcttgt	acaaccaa	acctttcccc	1080
tcttctccag	ctgtaacctg	gagagtcagc	catgccttgt	cttttggtct	cataaatagt	1140
cactggggcc	gggcgcagtg	actcacgcct	gtaatcccag	cactttggga	ggccgaggtg	1200
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tctactaaaa	atacaaaaat	tagctgggtg	tgggtggcggg	cgctgtaat	cccagctact	1320
cgggaggctg	aggcaggaga	atcgcttgaa	cccaggaggt	ggaggttgca	gtgagccgag	1380
atcgcgccac	tgcactccag	cctgggtgac	aagagtga	ttctgtctca	aaaaataaat	1440
acataaataa	ctaagactca	gagagtacag	tcaagatatt	aatagtcaaa	agttgtcgca	1500
acag						1504

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<210> 3316
<211> 445
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (419)...(143)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3316		
cagtccttgt	tccccagga agggctggtg ggccccagca cacacttggg attatgtgta 60	
tacataaata	aatattgggc tgtttccctc ttctgtgaa gtggttctca aattcctatg 120	
tactgtaaag	ctgtaccctt aaaagtacag atgtggccgg gcacagtggc tcacgcctgt 180	
aatcccagca	ctttgggagg ctgaggcggg tggatcactt gaggtcagga gttcaagacc 240	
agcctggcca	acatggtgaa acctcgtctc cgctagaaat acaaaaatta gccaggcggtg 300	
gtggcgggca	cctgtaatct cagctactcg agaggctgag gcaggagaat ctcttgaacc 360	
tgggaggtgg	agattgcagt gagccgaggt cgtgccattg cactccagcc tggacatcaa 420	
agtgagactc	aggccaaaaa aaaa	445

```

<210> 3317
<211> 1198
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (174)...(803)
 <223> similar to gi3169037 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3317

aaaatctttc	ctctaaagtc	aaactgttgc	agttgtattc	agaggccagt	gtagcgcttc	60
taaaactgaa	taacccaag	gattttcaag	aattgaataa	gcaaactaag	aagaacatga	120
ccattgatgg	aaaagaactg	accataagtc	ctgcataatt	attatgggat	ctgagcgcca	180
tcagccagtc	taagcaggat	gaagacatct	ctgccagtcg	ttttgaagat	aacgaagaac	240
tgaggctact	attgcgatct	atcgagaggc	atgcaccatg	ggttcggaat	attttcattg	300
tcaccaacgg	gcagattcca	tcctggctga	accttgacaa	tcctcgagtg	acaatagtaa	360
cacaccagga	tgtttttcga	aatttgagcc	acttgcctac	ctttagttca	cctgctattg	420
aaagtcacat	tcatcgcatc	gaagggtgt	cccagaagtt	tatttaccta	aatgatgatg	480
tcatgtttgg	gaaggatgtc	tggccagatg	atttttacag	tcactccaaa	ggccagaagg	540
tttatttgac	atggcctgtg	ccaaactgtg	ccgagggtcg	cccaggttcc	tggattaagg	600
atggctattg	tgacaaggct	tgtaataatt	caccctgcga	ttgggatggg	ggggattgct	660
ctggaaacag	tggagggagt	cgctatattg	caggagggtg	aggtactggg	agtattggag	720
ttggacagcc	ctggcagttt	ggtggaggaa	taaacagtgt	ctcttactgt	aatcagggat	780
gtgcgaattc	ctggctcgct	gataagttct	gtgaccaagc	atgcaatgtc	ttgtcctgtg	840
ggtttgatgc	tggcgactgt	gggcaaggta	tgtttactgc	caaacaaata	agaatgggag	900
cataaaacat	ccttgacagg	tagagagagt	tttgaatggc	ttttgttatt	taaaataatg	960
attctctgtg	tatcccttta	ccagccttgc	attcaaacta	gttatgaaag	taagagaaca	1020
acataaatca	ctgaagagga	tcttttcctg	ttattgttgc	agtctggtgt	tttgttttgt	1080
tttgttttgt	ttggaccaag	cagatttacc	ttagctgaaa	atatgtggtg	aagttttaat	1140
ttggaaacaa	aaaaggatat	caataattca	ttaaataaag	atggttcaaa	cactggaa	1198

<210> 3318
 <211> 1031
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(668)
 <223> similar to gil321816 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3318

ctactactgg	cctgccgcag	catggactgt	tacctggcca	ttgtccatgc	cacacgcaca	60
ctgaccagc	agcgccactt	ggtcaagttc	atatgtctgg	gtttgaggaa	cctgttcctg	120
ttactgtccc	tacgcattct	gcttttccga	aggaccttct	acccatccaa	tgtagccca	180
gtctgctatg	aggacatggg	caacaataca	gcaaactggg	ggatgctgtt	acggatcctg	240
ccccagtcct	ttggcttcat	cgtgccgctg	cgatcatgct	gttctgctac	agattcaccc	300
tgcatagcgt	gtttaaggcc	catatggggc	agaagcactg	gaccatgtgg	gtcatctttg	360
ctgatgccct	cattttcctg	ctctgctggc	tggcctacaa	cctggacctg	ctggcagaca	420
ccctcatggg	aaccagatg	accaatgaga	cctgtgagcg	ccgcaacgac	atcaaccagg	480
ccctggatgc	cactgagatt	ctgggcatcc	ttcacagcta	cctcaatccc	ctcatctacg	540

ccttcattgg	ccagaagttt	tgccatggac	ttctcaagat	tatagccata	catggcttga	600
tcagcaagga	ctccctgccc	aaagacagca	ggccttcctt	tggttgctct	tcttcagggc	660
acacttccac	tactctctaa	gacctcttgc	ctaagtgcag	acccgtgggg	ttcctccctt	720
ctcttcacag	tcacattcca	agcctcatgt	ccactagctc	ttcttggtct	cagtgtcagt	780
gcagcccca	ctgtggtcgc	aggaagcaga	ggaggccacg	ttcttactag	tttcccttgc	840
atgatttaga	aagcctgccc	tggtacctca	ccccttgcca	taattactac	atcacttgct	900
ggagctctgt	ccctcctgcc	cttgagctca	tggcactcta	tggtctaaga	agtgaaaatc	960
tacactccag	tgagacagct	ctgcatactc	attaggatgg	ttaatgtcag	aagaaagaaa	1020
atcataaaat	a					1031

<210> 3319
 <211> 2416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2417)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2383)...(2122)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3319	
tttttttttt	tttttttttca caagttatat tttattttaa cacgaggatt aacatatagt 60
tacaagggtca	atacaagcct ccagtggaag ctctttattt ggtttaattc catctccaga 120
gacaaacagg	caactctagg acctttacag tggcgatcgg cctccacnac agcaaaatgc 180
ctccaaagtt	tagaattagt gcaacacaca tacgaacggt ttaaagggtgc tcaacatcag 240
gttaaaatag	aattctggac ctttttaaaa agtttttgga tgatataagc acaggaggca 300
gagccaataa	gaaacatgaa accaatattt ctggaaaaac acttagcatg aacgtcactt 360
tttgacgtcg	tgtaaaacttt cttctgcaat gacggatgtt accaaaaggc attgagacct 420
ttgcgctgcg	ctggttagac aagccgcagg cttatctcca cggtgagcag gataaaaacc 480
cccaagggaac	agcccatgac aaccttctgt gcctttttat actttcccat cctacaaagg 540
aaaaactggg	taaaggacaa gttcctccct ttcatgtcgt ttctaagaac ttttcagggc 600
aggttctttt	aaaattagtc atcttacaac acaacagtat tctagcacgg tggcgaagtg 660
acaggcggca	gatacggggg aggaaggaga cgttcacggg aaattccaca ttctactcta 720
tgtgaactgc	tccagaaaaa tacagacatg atttcacagt aggattccca gagtaaatga 780
tgatacatag	gacaactgac ctctctaaag aagcccggtt ggggcagcag tgagcttttc 840
atggagccac	gcagactggc ccggaagcaa caccagggtt caacatttaa gagcactcgc 900
tataacattc	tttttgagcg caggtggtgg aaaagtttaa aaaacaggcg gaggagtgcg 960
gggggggatac	aagcatatcc tatactgggg gtgacggtca ttcaaagagc aaattactgc 1020
agcttatatc	ttttccacta tggtgcaaga aatgaatcta tctgaccca taatatgaaa 1080
gatgcgacgc	acatgcattc ccgaggctct aaaatcccat tttaaagaac cgtttcacat 1140
cctcgtggag	tggagagtgg tccacttgac ttggtgaggt cagaagttcc tgaagatccc 1200
tgctgtcccc	gttggcgggg gagccattg tggagctgtg gggactgcca cactcaccat 1260
gcacctgttg	gtttgcaggg acagaggtgc ggccttgact cttctcacc tgtgtcatcc 1320
gggcttgtct	ttcgtctgtc aagtcagtc tctgtcgtga ctgatgggtg caccacgctt 1380

```

aggtcaccgg ttgcagggac cggaagtcca tggctctgcc gcaaccctga gcggtttgca 1440
gtcccccccg ggaagaagc agtcagagag gctcacgctc acctacttta aaaacccaaa 1500
gccacttcct cttcacctgc ctgggcctca gcgtctctgc gcttgtggtt tctcgtcccc 1560
gagggctgac tgagctgctc cggaagggtg gtgtgtggtc aaccttggtt ggctgagagg 1620
agcaatttcc tggtttccac aagtaaagac agcccatcc cttgggacct gtcctttccg 1680
tccctgtccc tttggcttct ataggacttc cttgtcttag attcataaac agcaagagga 1740
actgaggatg cttgagggga ccacctagtt accaaagcca agcaaagaat aaagctgccc 1800
gacatcatcc ccaggttcc gtggcgctct cggtcacagg agcttttaggc caatgggtcc 1860
tcttgactgt ttttgcccca aatgagagga ggggctgctt tgctttaagg cgtggcgggc 1920
gggggggggt ggtggccaca gattagggga cctcaggttt tcctcaaaaa cccacacagg 1980
gaaagaaact tggctctaaa agcaaactca acgaattcca catgccctga agagcacgtg 2040
ataaaataca aggtggtgg cggcgggatc cctcaaagga ccacgagagg cacggggtct 2100
ttggtgatga aagtgctaac ctggcgggg tgcggtagct cacacctgta atctcagcac 2160
tttgggaggc tgaggcgggc ggatcacctg aggtcaggag tttgagacca gcctgaccaa 2220
cacggtgaaa ccctgtctct actaaaaata caaacattag ccgggcgtgg tggcgacgc 2280
ctgtaatcac agctattttg gaggtgagg caggagaatc gctggaaccc aggggtgga 2340
ggttgtagtg agccgagatc atgccactgc actccagtct gaacaataga gcgagactcc 2400
cgtctcaaaa aaaaaa 2416

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<210> 3320
<211> 5020
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5021)...(902)
<223> similar to gi4589538 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3320
aatatcccat ggcttacctt ttatTTTTTT attataaaaa cacatacaag agttttaaga 60
aataacgaat ataagacaaa tcaaaacat ggtgagttat taaaccatt ttctatatac 120
aaatactaaa attcccaaag tggaatatca tccaatgtga gacacatcat agcacgggtcc 180
atatgtacac ggcacacaga gctctgcctg cgctcatctg tgaattgctc attacatgtc 240
actgataaaa aaatctgcaa gggaacttct actcttcagt tctcctcttc ctgatgcatt 300
gtcacatatt ttttaaggaa tttagggata tgaagaaaaat gcattaaagt gggtttctgc 360
taagggtctt gcatgttttg ctctgatcaa ttacgcacta catcttgaga aaaacttttg 420
caactcattt ccagcaaaga tagcagaaaa ctctaggttt ttgccaattt attttttctt 480
agtcactcat tggaaacaaa gtccaacaac aacagctcag gaaccaaatc atgtttttat 540
attggtgaagt tcattataaa atgccactca attttaagaa gccactaaaa ggacactttc 600
tgcagcaaaa aaagggttaa gttcaagttt ttgtgttttg acaaagacac aataatataa 660
cccatatgtc acagatcaca acagccttaa gtgaaacgta ttagatttag ggaaaaacga 720
ctatgcgact gcttgtttct cctgtctcct tgccaaacaa taaggagagc ctctgggtctg 780
ttttatctat tttatgtctt tttgttttga aacctccctt tgtattctga aagctgatca 840
aactatttgt gttcaaaatg tgtcaaggca cttctcaagc ctcagtggca tcccagggtca 900
gccaaagctc tctgtgctca gggcactgac ttctcttagg cagctgacaa tcgcagacgg 960
aacgcttttg gaggcctctc tccgccaagc ttccaggatc ttggaaattt ctgctggatt 1020
gctgggactc aagtcacaaa gagcatcac ggctgctaac tgtatacccc atggtatatac 1080
ttcatcgtga gcatgctgta taaacatacc aataaccgaa ctaatatattt tcacagcaga 1140

```

tggaaatcct	tcttttcaaac	ccaattggcc	taaacgacca	atcagcctca	gtattgaggc	1200
tataataata	tcaggagtat	acgcaatggt	tgcatgtcct	tttctgtatt	ttatccattt	1260
atccatcaca	ggccacagct	ccttacttat	gatgttatca	tgcgccaga	tccatttctg	1320
atggcagcag	agcagatcaa	tggcaaatat	gtattcccaa	gtgttatcac	ttaggtcttc	1380
accaaatttt	tcactaggtt	gaaattctgt	ttttggacat	aactgtatgg	tcaaaagcag	1440
cttagaaacc	atgaagccaa	catctaccgg	ggcattcttt	tccaatttaa	gaaaagctct	1500
caagcagttc	agaacctctc	ctttagcacg	ttgcctggca	actaaactgca	ttgctttatt	1560
aatcaccgat	tgagagagaa	atatatcatg	ccacatgttt	gcaataaaca	aagttaattt	1620
ttcagactcc	ggaaaatctt	cttttaagta	ggctgtagca	aaacaaacga	gctctttcca	1680
agtctccgag	ttgccgacaa	atacccatat	acaccctgca	gagggcgtag	atgtaattgt	1740
ggtccataga	tatcttctga	attttttagt	ctgagagaat	agagtgaagc	aagcactctg	1800
ctaaatgctt	ttttgttggt	ctaaattcat	aaacaacttc	cttctcttga	tctctcatta	1860
cgggcttttt	ggagatat	cccacataca	catgactacg	aatgacaggt	aacagatcaa	1920
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tgaggggtccg	ggccctggca	gataactctg	gatacatggt	gtcaaggatt	ttcacagaat	2460
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gtttgtttga	ctgatctttg	tttgaaatct	ttgatcgatt	cttatttttg	ccagatggct	3060
ctagttttga	gttataatat	gtgtgatcag	acgcaacaat	ctgagtctcg	aagttttgat	3120
catagatttg	agaactaatc	catatactag	gcttaacggg	tctatttcgc	aaacgactct	3180
tatcaaagtt	ggtgctctga	ccactgcttg	aaacatcctc	ttggggacat	gaaagattat	3240
tgccacatgg	agcctcctga	aatgcagggc	cagtgtgact	ggcctctggg	gacttctcag	3300
cagaagtcac	tgggatgcaa	ccagcttcca	gctctccttg	atcctgagaa	atagggatgt	3360
ctccaggaat	gtcacacagt	gtgacctggt	ccacatgtgg	caagacagct	acaccactga	3420
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gcaataaaact	gccagtatct	ttaccattgc	aatcttcaga	atttgtttga	agttcttgcc	3900
taatcttggt	cagaacctca	gacagagttt	ccaaagaca	ctgagtgagc	tgacttgtat	3960
tttttaacga	ataatcatct	tcctctgatt	caatccactc	ttcacagggt	ccaagtgttt	4020
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aatcccctaa	ctgacagctc	tcaagaaaca	tcacaacctc	tgatgtggaa	agtctatcca	4200
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caggagcatc	ttgctgttcg	ctccccctac	tgcagctaaa	tgccctcactc	tctacctcag	4380
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gggagggtatc	ctgtgtctct	ccatgttttc	tgcaaaatgc	tgaagaaaaa	gtagtgtctg	4500
tggtgccaaa	acactcaggc	aaagcaccac	cgggagttgt	agatttcaat	ttccaaagtc	4560

cattagcatt	ttgtggtgtg	ctggtagaat	catttgcaac	agccagggcc	tcaccaccag	4620
atctccctgt	gtctccacag	ctggttttctt	caacagaaaa	ccctcctgac	acagtcactt	4680
ctgtggctgg	aagcatctca	ctgccatgtg	tcccactgga	gtccagatct	gtggcctgag	4740
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ctactggtga	agaaccacct	ggagaattaa	aatctaattt	tctcctagag	gcagaaactt	4920
ctggtgaaat	gcttttcaca	gcagccacct	ccgtgatgtt	ttgtgttgta	tcattctctt	4980
cccatcaca	ttttgctata	gttgacatac	cggttttgtt			5020

<210> 3321
 <211> 1540
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1495)...(959)
 <223> similar to gi929619 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3321		
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aaatcacaaa	gttcaattca acatgcagat ttcaaagaaa agggagcttt ctagaaactg 180	
agctgaaggg	gtactgtggg ggatgggtac tgtgtgcaga acctcaaatt ctgtctgggg 240	
cagtttgtga	caagaggcag ggatgctgga atgacaggta gaggtgagaa caaagctgcg 300	
tgtgtgcaga	tgtgtgtgct gagggcaggg gatggggacg gcggccacaa agggctgtca 360	
gcagctaggg	tgcccgtag aggtaggacc acctcaggca tgggcagagc tggcaggaca 420	
gcaagaaatc	tagacggact ctctgccctt gtgtggagaa aagcccttcc cttccctcca 480	
atgtctctac	ccagtcctcc aacagcagcc tacaggggccc ccagtcctag gggaaagtcc 540	
gggagtctac	agtctccgtt caagttcaag taacctgagg cagctctctt tctagaaggt 600	
gccttccaca	tctctctctt ctgcagaag ctgccagcag ctccgtccag agattctgga 660	
gcagagactg	ctgcctggag gtcacagatg aatcttgggg tggccgatgc tccagccaac 720	
ttgggggtgca	aaaaagacat gagcgctcct cttctcggga gcaagtagac acaggtgcca 780	
gggtcaggaa	gatgatgcta cagccccaag tcctacgcca gccttccagc ccggaaggct 840	
catgtgtgca	ggctcttgac cccagtgtct gcccttacct cagcaacgcg gcgcggccag 900	
aaccagaatg	caataaatag aggcagggcc aggagggcga gggccgggat ggtgctagct 960	
ttctgacgcc	gtctgcggca ctgtgggttg gtccacacag aagcgcttca ggggcggggc 1020	
acctgagtct	tcctcttccct caacgacctg tgtctctagt ggaactggtt cttccttggt 1080	
gagggtagga	ggttcacag caacttcga ggagggcagg gagggctcct ccaggatctc 1140	
ctggcccagc	gttgggggct gggagtcac cgtgcggaag tcggaggtgt gtgctgggct 1200	
cagggactca	ctctgctggg ggctggggct tgagttgggt ctgctgtcca ccttaagctg 1260	
atagacgtca	gacacggaac tctggttgct gttttcgtcc tggaattcaa gaaggagaga 1320	
ggaattggct	gaggcatcag aaggaaagcc attaggttct cgggctgctg aactgttcga 1380	
ttttgacttt	tctttctcct tgcgtctgt cacaggaacc cacttaaata tcctcaggga 1440	
cgtgtcacc	acagtcacc acttcttct cccaacttca acgcctgaat acgcagagcg 1500	
ctcagcctgg	cgaactgaca ccactccagg gctactcgct	1540

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<210> 3322
<211> 1421
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1401)...(393)
<223> similar to gi214868 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3322
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agcaggttca tcataagacg aaaaaggtag actctcagat tggtttaaac ctccctaactt      180
aaaggacaag gaaggatctg gtttttgtct tttggaaacc catgagctat ctacttggtc      240
tttacttcag ccaattagaa gttcaactga agatagctat tgaacatcat cttaatgatg      300
ttataaacag gcaattttaa tattttatatt tgcataatcc ccaagctggg ttatcacaga      360
gaaagcatct gagcttctcc cagctcgcca acctgcctgg cattccgtag ctactagcca      420
gtcctgtttt ctttccacaa agaaaacaat gatttggtgt tttcttcttt gtctggaaga      480
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tctaactggg gagaacattt tcctaaagtt ttcttccatg aaaatgctgg aggtttgtag      600
acagcccagt tccagagttc tgaagcctgc ctgccccacg tgtgctctgt aatctatttc      660
tgcttggtgt cccggccagt gaggcaagaa aactgatatt atttacacaa ccaacaggct      720
ctttgggaag ccttggttagt catttctgtg atatcccag cctcaacttt ggaaataaca      780
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cccactttag gtagaagtga ttgttcgggt acacattctt ctgaaggtaa gacaatgttc     1260
ccattactag atggcaagtt tcctaaaaaa tgttttgttt gcctagggcag ggatgatcca     1320
agatggagaa cagagtcagc aagctcctgg tcatttccca actccaaatg gggatatctga     1380
ggaggtagtt tgacgttgct actgaagtga gacagtgtgt c                                     1421

```

```

<210> 3323
<211> 2351
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2352)
<223> n = a,t,c or g

```

```

<220>

```

<221> misc_feature
 <222> (2)...(1461)
 <223> similar to gi5708210 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3323

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gccccactct	gcaaagaacc	cttccgtccc	tgggagcttc	cggcccaact	ggcagctggc	240
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ggatgcagcg	ggctccctat	agggaacaaa	tccataagtg	tcttaaattg	ctaataaaaag	480
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ggcaacggga	tgaatttgat	ttgctggttg	ctggggagat	ctgccggttt	agtgtcttta	720
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gatgacctgt	gactttggag	cactgggttg	tctccattgt	cattatgggc	agatgtgtgc	2280
catccccagc	cgacgccact	cactgcctct	ttcctcctgg	tgttgccact	tctgggtgag	2340
attaaggtgc	a					2351

<210> 3324
 <211> 1828
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1506)...(248)

<223> similar to gi3873743 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3324

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ttcctctttc	ctcttgctac	agagcctggt	gcacatctct	tccctctccc	ctttgccgag	180
ttagtctctg	cttatccttc	tggatctccg	tttaagaatc	acctccgaga	agccttccct	240
ggggccttcc	cgtgtggctt	gtggctcaat	catgatgttg	ataagagaag	gtttagttgt	300
gtctgcctag	gctctgcctc	agggatTTTT	ggagtctctc	tgggtgtttgt	acaaaatacc	360
ctttgcctcc	aaatgcagtc	atgacttgct	cataatgtga	atTTggcagc	aaacacattg	420
gagggaccac	tgcagtagca	tcttgaaatt	ttaacatttc	tttccaagta	tctgtatcaa	480
aaccttggtg	aattccattg	ttattcacta	ccaacagtat	gattggcaag	ttgtacctgc	540
agatgggttc	tacctccatg	ccagaaaacc	caaatgcact	gtctccttcc	acacagatga	600
tccattgccc	agggcttcta	tctttagcca	ccacggcagc	tgcaatagca	aatcccaaac	660
caactcccat	tgttccgaaa	gtaccagcat	caagcctgtg	acgaggaagg	tagttctgaa	720
gcacagtcgg	tccaatgtcc	atagtatttg	ctccttcaact	taccacgaaa	cagtctctag	780
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ctgcacagat	atcaacctaa	aaaagagaca	aggctggata	aacttcacat	ctggctgata	1080
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tttttgttta	aaagggagag	agataagaaa	gtattcattt	agggttttaa	aattcatgtt	1740
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taatatgtac	tttcatctgc	ttcctaatt				1828

<210> 3325

<211> 832

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (609)...(417)

<223> similar to gi3510234 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3325

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ttcgggggtgc tcttttgagg gcgtgtttgt tgaaaaacca cccccaaccc cctgcccgcc 180
gggtcccgac ctggccacca tggaagggtgc tgcggatggg ggatcccggt gccaggcggc 240
tccgctcccc tgatgggggt gccaggctgt gactggaggg ggaggcaggg ggcaaccgtg 300
gggtgcctga gctgttttct tcccatttg gcaacagtga cgggcgctca gccccgggc 360
gttctgtgca aacgtagggt ttccctgcggg tcatcatgct aggaggaggg ttgttggggg 420
tgctcgtgct gtccttccgc cgctctggga tctctgcctt gttgggggtg tgggcgctgc 480
tgaccatggg gctgaagggg gggcagccct cgactccac tcccccggt gctgcagctc 540
gccttccggc ctggcagccg ctccctcctt agctccgcct ccccggtgct cgtcgggctg 600
cgtttggggg gcaggggtgc aggggatggg ccacctgggg gaggggttac cgttttagagc 660
tggtcatcac acggaacccc agaactgact ctgggggata gttggaacct gagaattcct 720
cacgtgggtt gcaatctctg tgtgggcat tctgacaata tctgtcaaaa ttacctcaag 780
attaccaacg cacatatact gacttagaaa ctccaaatca atgacatcat gc 832
```

<210> 3326

<211> 5866

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5867)...(3480)

<223> similar to gi4098628 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3326

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tcttttctag ggcaattcaa gaaggtaaca ttgaaagggt ttctaaatga tgcacactgt 180
aatcattcat tcttttttaa aatacaacac aaaccaacag ctacaatgct ttttattttt 240
aacaanaagg atgtaaggag ggtaagaaaa acagaggaca gtaagatagg atgtaaagtg 300
tgatgtatct ctggacacca tccctctctg cctgccccac acccaaaagt tttaaataat 360
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aaaaatacag tgattatgaa tgagctgtga ccagttacga aattttactg gaaatgttta 480
actgtggtca gcagtccaat ggtgtgcaca gtgccttcaa ttaatgcact tgagcatacg 540
taattacatt tctggcaggg tccacacccc ccaagaaaag gtaaagctaa gcatttcatt 600
tctacattct aaactctgga atcacagagc ccagttttaa agaaaagtca cagtggataa 660
gagatgtata taaaaaatac aagggtgttt tttcaaatca ggagttgtgg gactaccatt 720
cttttttttt tttttctttc ttttcttaca aaatgcgatt ttagaaaagg atagagactc 780
cagttcatgt tatactacag acttagacag tgaataagta tattgcatgt tttggtagtc 840
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aagcctgcaa gtcatatatt ccatcatcaa tgaccacaat ttttcttttag ctttgtacac 1020
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gcagcataca	tctttatttt	acatttttaaa	gtctctgcag	gcattctactt	tggtttagtta	1200
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<210> 3327

<211> 6086

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(3488)

<223> similar to gi3043606 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3327

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<210> 3328

<211> 2698

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> similar to gi3885470 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3328

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attgatccac tggcaatctc ttatcaggcc ccggaaataa tgggaagtctg ttactctgat 300

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<210> 3329

<211> 645

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (471)...(299)

<223> similar to gi4567200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 3330
<211> 2149
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2151)
<223> similar to gi2224675 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gatgcctcag gtctcaacac atccacggga acaatagatg acatgagtaa actgacatta      180
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aggatactat ggggacggtc taaatgccat cattgtgttt gccgcctgtt ttctgccaga 1980
cagcagtcgg gcggattacc actatgtcat ggaaaatctt ttcctatatg taataagtac 2040
tttagagttg atggtagctg aagactatat gattgtgtac ttgaatgggt caacccccaa 2100
gaaggaggat gccagggcta ggctggatga agaaatgcta ccagatgat 2149

```

```

<210> 3331
<211> 2683
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2684)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(1352)
<223> similar to gi5262644 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3331
ggagaattat tgaccacagag gacctaaaag ctttgctcaa agtgctgcat ctacagaggaa 60
taagagaaaa ggcattacaa aaacaaattc agaaacattt ggattatatt actcaagcct 120
gcctcaagaa taaggatgtt gctattattg aactgaatga aaatgaagaa aaccaagtaa 180
ctcgagatat tgtggagaac tggtcagtag aagaacaagc aatggaaatg gatttgagtg 240
tccttcaaca ggtagaagat ctagaaagga gagttgcatc agcaagtttg caagtgaagg 300
gttgatgtg tccagagcct gcatcagaaa gggaggactt ggtatatattt gaacataaat 360
catttactaa attgtgcaag gagcatgatg gagaatttac tggcgaagac gaaagcagtg 420
cacatgcact agaacggaag agtgacaacc ccctagatat agctgtaacc aggctggctg 480
atttgagcgc gaacattgaa agaagaattg aagaggatat tgctccaggg ctcagggtat 540
ggagaagggc attatcagaa gctcgcagtg ctgcacaggt agctctgtgc attcagcaat 600
tacagaaatc aatagcatgg gaaaaatcaa ttatgaaagt ttactgcaa atctgtcgaa 660
aggagataa tgaagaactg cttcttcttt gtgatggctg tgacaaaggc tgtcatacct 720
actgccatag acccaagatt acaacaatcc cagatggaga ctggttttgt ccagcttgca 780
ttgctaaggc aagtgggtcaa actctaaaaa tcaaaaaact tcatgtcaaa ggaaaaaaga 840
ctaagtagtc aaagaaaggc aagaaggtaa ctttaacagg agatactgaa gatgaagact 900
ctgcatctac aagtagttca ctaaaaagag gaaacaaaga cctcaagaaa agaaaaatgg 960
aggaaaacac ttctattaac ttgtcaaaac aagaaagttt tacttcagtt aagaaacctc 1020
aaagagatga ctccaaggac ctagctcttt gcagtatgat tctgactgaa atggaaactc 1080
atgaggatgc atggcctttt ctacttcctg taaacttgaa acttgttcct gggtataaga 1140

```

```

aagttattaa gaagcctatg gattttttcca caattagaga gaaactaagt agtggacagt 1200
atccaaacct tggaaacctt tgctctagat gtcaggcttg tttttgacaa ctgtgaaaca 1260
tttaatgaag atgattctga tataggcaga gctggccaca atatgaggaa gtattttgaa 1320
aaaaagtggg cagatacttt caaagtgagc tgaagttata ataatctctt tatttttttc 1380
cttctaaaca aggacaaatg agaccagcaa tgtgaactgt atttacataa acgtgcaagg 1440
cacatacata atgactttct ttttccttaa gtataaaaaa aaagtatcag aagaatgata 1500
ccatttttaa aggcttcatt cctacaacaa ccaaggccct cggttattgg tttgtgtgat 1560
ttatcagcta atttaggtag aacagggaag cacacccaaa gaattttcaa aggaaagggt 1620
gttatagtgc aatagcaatt aaaatatatc aaatcgact gaatactcaa caccagagct 1680
ctaagtggg aaatggttct cctttccctc tcaataaata tctatttttc atttttttac 1740
tttgtagttt atttttttagt gaatgtattt aattttatga attatttatg attaaaccac 1800
atccagaatc ttcgttttct gtgaaaagga agaactagaa aattgcttta aatcttgga 1860
aatacaaggg aatgttttaa aatataaaac aaagccaagt taaactgttt acactggatg 1920
tgcctattaa aagcacccaa anaggaaaac ttttactgta ggagttacaa gtacatttat 1980
atatatatgt tgctgcatca cttgtgtagt taaattgtat ttcaaacag tgaaaaaatt 2040
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gtatatattg tttgcagaca ttattgttca tgccttagag gattgtagca ttttattttc 2160
gtctgaagggt aatgatagct atacagtctg tacagtaatt atcctctacc aacactgtgg 2220
cgtctcctta atcttggtag tgcctgcctt tgaaacaggg tgtaggggat attagttttc 2280
catttttcta ttttgttata taattttaag ccaccagggc cttaaattaaa gtataatcat 2340
ttgtatccat gtggaataaa attgtgacaa tttcctacgc acacagtatt ttttcataga 2400
aacattttcc tcccatttgc cttgcctcag aaataaattt aaaagacgtt tgtaaccact 2460
gtgtttttat tactgtgtgt tgtggtggcc tgttgagggc aaatagatca gatttttttt 2520
gtacctacgt aagagtactt gaagttttat ttaaaataaa atgttggtgga aaaggtagca 2580
ttcttttttt aggagtgtta tttttcacta tgtgtggcac ggatacaata aaagactttt 2640
acaaactaaa aaaaaaaaaa agggggggggc cgttttttat ata 2683

```

<210> 3332

<211> 2865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2416)

<223> similar to gi5596370 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3332

```

atggagcggc tttgggggtct attccagaga gcgcaacaac tgtccccaag atcctctcag 60
accgtctacc agcgtgtgga agggccccgg aaagggcacc tggaggagga agaggaagac 120
ggggaggagg gggcgagac attggccac ttctgcccc tggagctgag gggccctgag 180
cccctgggct ctgacccag gcagccaaac ctcatctcct gggcggcagc aggacggagg 240
gctgccccct acctggtcct gacggccctg ctgatcttca ctggggcctt cctactgggc 300
tacgtcgct tccgagggtc ctgccaggcg tgcggagact ctgtgttggg ggtcagttag 360
gatgtcaact atgagcctga cctggatttc caccagggca gactctactg gagcgacctc 420
caggccatgt tcttgcagtt cctgggggag gggcgccctg aggacaccat caggcaaacc 480
agccttcggg aacgggtggc aggcctcgcc gggatggccg ctctgactca ggacattcgc 540
gcggcgctct cccgccagaa gctggaccac gtgtggaccg acacgcacta cgtggggctg 600
caattcccg atccggctca cccaacacc ctgcactggg tcgatgaggc cggaagggtc 660

```

ggagagcagc	tgccgctgga	ggaccctgac	gtctactgcc	cctacagcgc	catcggcaac	720
gtcacgggag	agctggtgta	cgcccactac	gggcgggccc	aagacctgca	ggacctgcgg	780
gccaggggag	tggatccagt	gggcccgcctg	ctgctggtgc	gcgtgggggt	gatcagcttc	840
gcccagaagg	tgaccaatgc	tcaggacttc	ggggctcaag	gagtgtcat	ataccagag	900
ccagcggact	tctcccagga	cccacccaag	ccaagcctgt	ccagccagca	ggcagtgtat	960
ggacatgtgc	acctgggaac	tggagacccc	tacacacctg	gcttcccttc	cttcaatcaa	1020
accagttcc	ctccagttgc	atcatcaggc	cttcccagca	tcccagccca	gcccatacgt	1080
gcagacattg	cctcccgcc	gctgaggaag	ctcaaaggcc	ctgtggcccc	ccaagaatgg	1140
caggggagcc	tcctaggctc	cccttatcac	ctgggccccg	ggccacgact	gcggctagt	1200
gtcaacaatc	acaggacctc	cacccccatc	aacaacatct	tcggctgcat	cgaaggccgc	1260
tcagagccag	atcactacgt	tgctatcggg	gccagaggag	atgcatgggg	cccaggagca	1320
gctaaatccg	ctgtggggag	ggctatactc	ctggagctgg	tgcggacctt	ttcctccatg	1380
gtgagcaacg	gcttccggcc	ccgcagaagt	ctcctcttca	tcagctggga	cggtgtgtg	1440
tttggaaagc	tgggctccac	ggagtggcta	gaaggctacc	tcagcgtgct	gcacctcaaa	1500
gccgtagtgt	acgtgagcct	ggacaacgca	gtgctggggg	atgacaagtt	tcattgccaag	1560
accagcccc	ttctgacaag	tctcattgag	agtgtcctga	agcagggtga	ttctcccaac	1620
cacagtgggc	agactctcta	tgaacagggt	gtgttcacca	attcccagct	gggattgctg	1680
aggtgatccg	gcccctaccc	atgggacagc	agtgcctatt	tccttcacgg	cctttgtggg	1740
agtccctgcc	gtcgagttct	cctttatgga	gggacgacca	gggcttacc	attcctgcac	1800
acaaaggagg	acacttatga	gaacctgcat	aagggtgctg	aaggccgcct	gcccgcctg	1860
gcccaggccg	tggcccagct	cgcaggggcag	ctcctcatcc	ggctcagcca	cgatcgctg	1920
ctgccccctg	acttcggccg	ctacggggac	gtcgtcctca	ggcacatcgg	gaacctcaac	1980
gagttctctg	gggacctcaa	ggcccgcggg	ctgacctgc	agtgggtgta	ctcggcgcgg	2040
ggggactaca	tccggggcgg	ggaaaagctg	cggcaggaga	tctacagctc	ggaggagaga	2100
gacgagcgac	tgacacgcat	gtacaacgtg	cgcataatgc	gggtggagtt	ctacttcctt	2160
tcccagtagc	tgctgccagc	cgaactcccc	ttccgccaca	tcttcattgg	ccgtggagac	2220
cacacgtgg	gcgcctgct	ggaccacctg	cggctgctgc	gctccaacag	ctccgggacc	2280
cccggggcca	cctcctccac	tggcttccag	ggagagccgt	ttccggcgct	agctaggccc	2340
tgcttcacct	gggacgcttg	caagggggca	gccaatgcgc	ttagcgggga	tgtctggaac	2400
attgataaca	acttctgagg	ccctggggat	cctcacatcc	ccgtcccca	gtcaagagct	2460
cctctgctcc	tcgcttgaat	gattcagggt	cagggaggtg	gctcaaagtc	cacctctcat	2520
tgctgatcaa	tttctcatta	cccctacaca	tctctccacg	gagcccagac	cccagcacag	2580
atatccacac	accccagccc	tgcagtgtag	ctgaccctaa	tgtgacggtc	atactgtcgg	2640
ttaatcagag	agtagcatcc	cttcaatcac	agccccttcc	cctttctggg	gtcctccata	2700
cctagagacc	actctgggag	gtttgctagg	ccctgggacc	tggccagctc	tgttagtggg	2760
agagatcgct	ggcaccatag	ccttcatggc	caacagggtg	tatgtggtga	aaggggcgtg	2820
gagtttcaat	atcaataaac	ccacctgata	tcaataaaaa	aaaaa		2865

<210> 3333

<211> 1716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(1478)

<223> similar to gil334149 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3333

```

ggcaaggcga ggcgaaagct gcacagggcc ctacgcggcc gcctcagcat gtcggacttc 60
gacgagttcg agcggcagct caacgagaat aaacaagagc gggacaagga gaaccggcat 120
cggaagcgca gccacagccg ctctcggagc cgggaccgca aacgccggag ccggagccgc 180
gaccggcgca accgggacca gcggagcgcc tcccgggaca ggcgacgacg cagcaaacct 240
ttgaccagag gcgctaaaga ggagcacggt ggactgattc gttccccccg ccacgagaag 300
aagaagaagg tccgtaaata ctgggacgtg ccacccccag gctttgagca catcacccca 360
atgcagtaca aggccatgca agctgcgggt cagattccag ccactgctct tctccccacc 420
atgacccttg acggtctggc tgtgacccca acgccgggtg ccgtgggtcgg gagccagatg 480
accagacaag cccggcgctt ctacgtgggc aacatccccct ttggcatcac tgaggaggcc 540
atgatggatt tcttcaacgc ccagatgcgc ctgggggggc tgaccaggc ccctggcaac 600
ccagtgttgg ctgtgcagat taaccaggac aagaattttg ctttttttga gttccgctca 660
gtggacgaga ctaccaggc tatggccttt gatggcatca tcttcaggg ccagtcacta 720
aagatccgca ggcctcacga ctaccaggc cttcctggca tgtcagagaa cccctccgtc 780
tatgtgcctg ggggttgtgt cactgtgtgt cccgactctg ccacaagct gttcatcggg 840
ggcttaccba actacctgaa cgatgaccag gtcaaagagc tgctgacatc ctttggggcc 900
ctcaaggcct tcaacctggt caaggacagt gccacggggc tctccaaggg ctacgccctt 960
ctgtgagtac gtggacatca cgtcacggat caggccattg cggggctgaa cggcatgcag 1020
ctgggggata agaagctgct ggtccagagg gcgagtgtgg gagccaagaa tgcccacgct 1080
ggtgagcccc ccgagcacca tcaatcagac gcctgtgacc ctgcaagtgc cgggcttgat 1140
gagctcccag gtgcagatgg gcggccaccg gactgagggt ctgtgcctca tgaacatggt 1200
gctgcctgag gagctgctgg acgacgagga gtatgaggag atcgtggagg atgtgcggga 1260
cgagtgcagc aagtacgggc ttgtcaagtc catcgagatc ccccggcctg tggacggcgt 1320
cgaggtgccc ggctgcggaa agatctttgt ggagttcacc tctgtgtttg actgccagaa 1380
agccatgcag ggcctgacgg gccgcaagtt cgccaacaga gtggttgtca caaaatactg 1440
tgaccccgac tcttatcacc gccgggactt ctggtagagg cggctggggg aggggtgggg 1500
cagggtctgg tgggggcttc tccccactcc cgcccccccc cttatcccc tctgaagacg 1560
atgggcagag gagtgcagac cgcagacaca cgacagccgg cagcaactgg aatggcagca 1620
attaaggggt gggagcgggg gttggggggt tgggggggta gggcagggag gggactgggg 1680
aagtgcgcac acagccccac acagacaaca cgcacg 1716

```

```

<210> 3334
<211> 1032
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1035)...(242)
<223> similar to gi950115 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3334
cttttccaca aagggattaa attggggaac ccccggtttt tccccacccc ccggttttaa 60
aaaccggggc caggaattta attttggggc ccataaaaa aaattttacc ttgccaaccc 120
ccgggggaaa aaattggatc ctttaaaagg gccccccctt tttttttttt ttgctattaa 180
tcttgccaca atatttttaa ttacgtacaa agatctgaca tgtcacccag ggaccattt 240
caccactgct tctgtttggc cgccagtctt ttgtctctct cttcagcaat ggtgaggcgg 300
ataccctttc ctcggggaag agaaatccat ggtttgttgc ccttgccaat aacaaaaatg 360
ttggaaagtc gagtggcaaa gctgttgcca ttggcatctt tcacgtgaac cacgtcaaaa 420
gatccagggt gcctctctct gttggtgatc acaccaattc ttctaggtt agcacctcca 480

```

```

gtcaccatac acaggttacc agtgtcgaac ttgatgaaat cagtaatctt gccagtctcc 540
aaatcaatct gaatggtatc attcaccttg atgaggggat cggggtagcg gatggtgcgg 600
gcatcatgag tcaccagatg agggattcct tttgtgcca caaagatctt tctcactttg 660
cacaacttgt acttggcctc ctcagggtgta atacgatgta cagcaaagcg acccttggtg 720
tcatagatca gacggaaatt ctctcccgtc ttgtcaatgc tgatgacatc catgaatcca 780
gcagggtagg ttatatcagt tcggaccttg ccatcgattt taatgaaccg ctgcatgcaa 840
atcttcttta cttcatctgc tagtcagggc atacttaagt ctgttcctca ggaaaaatga 900
tgaaggggag acactctctc aacttgtggg gaccgggtgga tggacgagga gcaaacacac 960
cgttcaattt atccagcatc caatgctttg gagctgccac ccgcttcaga tgcttcttgg 1020
gaccacgagc ca 1032

```

```

<210> 3335
<211> 361
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(362)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (361)...(196)
<223> similar to gi1841302 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3335
ctcacgcaan gcatggnntt aacgtcccta aaancccgcc ggacttttct gtaagaaagt 60
gtggcanagc accaacccca taaangtgac acatgtacaa ngaagggcaa ggantttctct 120
gtacgccagc ggaaagcggc gttatgacag gaagcagagt ggctctttgt gtgccctggc 180
ttgtgttctg aagatacagc tgatagggtta gttgggtcca gattatagag gactgagtat 240
tcagcaatgg tgggtgaatt atttaagtct ttggtgttca tctatttaca ggaatgtttt 300
cgattttaaag gattaagtct tagcacatta gaaaggaaat aaaaatgaag attgtactat 360
t 361

```

```

<210> 3336
<211> 3818
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3819)...(65)
<223> similar to gi3168604 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```



```

<400> 3336
tttttttcgc tatctaagga cataacttta ttggaacaa agagtggggt gcagaagatg 60
gctaggagtc aggtctctgag ggaggtgggtg gcttctcatc atcaggggga caatcgatga 120
agtcggccag catggcagct gtgtcatcct gctccttttc ctggagagct tcggcctctg 180
tctctgtctc catctcttct tctgcaggtg tctctgggtg gggctgcacc ttgtcactcc 240
catcctcagt ctctctttcc aacagggttg ggggagcaga gggctcttct tcaacaagct 300
cctggggagg gggccctgcc gcagggtttt ccccttccct ctccacctct ccctgggagg 360
ggagcgcttc aggggccagg gtgggagctg tgtcagcccc acgctcctcc tccgtccctg 420
gctcctccac ttccaaaagc agcccgggtt cgggttcggg ttctggctgc acctttgggg 480
gagactcagg gggaggcaga gctggaggca gggttgaggg tggagggtgca ctttcttcta 540
cctccccctc tgctgtgcc aactccagggt cttccacctc ttccagttct tcttctcct 600
cctcatcctc ctcttcttct tcttcttcta actcaccttc ttcttctcta aattcttct 660
caaactcttc ttcttctct tcttctctt caaaatattc ctcttcatcc tcttctctt 720
cctcaaagtc ttcttctct tcttcttct caaagtcttc ctcttcttcc tcttcttct 780
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ccaactgggg tggaggggagc gtcacaggac caggaaacagg cggcggcgga ggtgggggtg 960
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gggggtggcag ggggggaagc ccctcgggca cgatcaccac gctgtcatca ggtcacttt 1140
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gctccgaggg cacagggcct gctgagggca tggggcctgc tgaaggcat ggggcctgct 1440
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ggcgatgggg cctcaggagg gggactggag cagggtgagg gcagggtggg cccatgggct 1560
gcaggggagg aaccggggg tgggtcagag cagcacagg caccagtgt tctgagcaag 1620
aaagaggaga cctcaaggct atcttctcgc tggccgaggg agaaggctt gagggcacag 1680
gcaagaggag gtgggcagcg aggagatgg gcccagcagc gcgccagcag caggcagtag 1740
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acacccatga ccagggggag gaccagggtc tgcagtctcc tgtgagtctc ctcttgatg 1860
agaggccac acatgaggat ggtccggctg aggcctctga gtgcagccgc acacacgtcg 1920
ctgttgatc tcttgggggc gctaggcttc ccagtctgca aactcccatc agggctcccc 2040
cgcgggctac gcagcttaag ggcacagct ggcggggaga tgtcgctgag cagggtgggtg 2100
agcagggct ctccaggagg tcttccctga agcattccc cggaggcccc acaaacctgc 2160
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cctggagaga gggaaatctc accgatgctc caggaaattga ggacctgggg aagcaggcgg 2280
ccgatcagga tcccaaagcg caagagccgg cttccacacg cgaggatgag tgcagacagc 2340
aggtccaagg cttcaagggt ggatagagg cagcagcagc agccgcaggg accatctcca 2400
tgcaagctct ggagaaaaaa ggggcagaga taaagagtgg aggaagaaag tgagagccag 2460
agagagacag aaacagggaa tgaccattta catatgtaca cataggtaag aaaccaacc 2520
cctgatctca tcttcccaa caaaatcaaa cccctatcct ctaaaataga cctggatgg 2580
aaggtaagaa ggatggctgg gcctctcagc aatgactcag ctgagtccc aaattcacc 2640
tcccccaagg aagcatttgc tactctctga cactgtgctc ctgtgtcacg acacatagga 2700
agtgatgtta tttggacaaa agtagaagct ctctgggacg gactccaggga tgacactgtt 2760
tggggagact cagggtccca gtactttct ggttgccctg tctcctgagc aagggtctg 2820
aagagatgac aaatccact tacaatatc ttgtactga cgctgagggt ccggcagatg 2880
aaatccaggga tttctgcac agggacggac acgggagctc caaactcaga gctgagcatg 2940
agccctaggc agcgggccag tcccgaaaac ctctgccgaa gctggagaag gacatgggca 3000
tcaccatctt ctgaggacag cagcatctcc accccagggc cttcattctg cacaggagca 3060
gtctctgctc cctcgtacag ggcccccagc aggggtgtgca gtgaggccag cagactgtgt 3120

```

```

agctcctgct cccagctctc ggtgtgcttc aggccttggg aaaagccagc ccctaaagag 3180
ggcagccggg aataacactc acaggccaac tgttgagct gagggctcaa ggcattccacc 3240
ctagacagaa aaaatgaggc cagcttgcct ttgagagaac cacaagcccg agggaaatag 3300
gtcatacaag ccttcattcc ttccaatgct gactgtctac actctggcct gaggcccagc 3360
agggaggtga gaaggccagg gaggtggttc atggagatgt cccggaacag tgcaggcagc 3420
tggtgtgcat atcgaggag gtccctcagg acagccacgg ccagctccat tgtggcaggc 3480
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ggggccgagc gggttggggg atgcaccgga gcaacggcag accccgttcg aggttgcagc 3780
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```

```

<210> 3337
<211> 1501
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1503)
<223> similar to gi5257114 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3337
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ttccttctag gacacctccc ctgcttttgg aaaaaggatg aggttggtgg ccgtgtgctc 180
caagatgtgt ttttgatttg ggctaagaag tatggacctg ttgtgcgggt caacgtcttc 240
cacaaaacct cagtcacgtg cagcagtcct gagtcgggta agaagtccct gatgtcaacc 300
aagtacaaca aggactccaa gatgtaccgt gcgctccaga ctgtgtttgg tgagagactc 360
ttcggccaag gcttggtgtc cgaatgcaac tatgagcgct ggcacaagca gcggagagtc 420
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gctgagcagc tgggtgggat tctagaagcc aaggcagatg ggcagacccc agtgtccatg 540
caggacatgc tgacctacac cgccatggac atcctggcca aggcagcttt tgggatggag 600
accagtatgc tgctgggtgc ccagaagcct ctgtcccagg cagtgaact tatgttggag 660
ggaatcactg cgtcccgcaa cactctggca aagttcctgc cagggaagag gaagcagctc 720
cgggaggtcc gggagagcat tcgcttcctg cgccagggtg gcagggactg ggtccagcgc 780
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ccggctggtg cccgggcagc gcttcgggct gcaggagcag gccacactca agccactgga 1440
ccccgtgctg tgcacctgcg ggccccgcgg ctggcagccc gcacccccac cccccctg 1500

```

<210> 3338
 <211> 6298
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(6298)
 <223> similar to gi2564316 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3338

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tgtgctggag	cgtgtgcagc	accgagtccc	ggaggaggca	ctcaagcatg	aaaagtacac	180
cagccagctg	caggtgagcg	tgaagggttt	ggcgcccaag	aggagcgagg	cactgccgga	240
aacacacacc	atactgcgag	gcctcgaacc	ccaggccgga	gaagggggac	cggagaccag	300
gaacagaggc	agcctcttac	cgcacacccc	tgtatgggca	gccctcctgg	tggggtgagg	360
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gctgctcggt	ccggcgggag	cccagctact	tcgagatccc	cacgaaggag	accccgcagc	540
cgtcgcagcc	ccccgaggtg	ccggcacacg	agatgccac	gaaggatgca	gaggcaggtg	600
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gccgcagctc	ggggccacag	agggccggct	cgtcaagcg	ggagaagaca	gaggaacggc	1260
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atgtaattat	ttctgctggt	atataaagtg	ccatactttt	aataaaggaa	aatgtacata	4320
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```
<210> 3340
<211> 2983
<212> DNA
<213> Homo sapiens
```

```

<220>
<221> misc_feature
<222> (1)...(2984)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2314)...(1020)
<223> similar to gi35842 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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aaaaacctgt tttcctggct tccttggtat acacatgatg tagactagag aaacaaggct      180
gtttgtttgt tttgtttgtt agagaaacga aaggcgtgcc ctgcggcccc gcccccatag      240
ggggcagctc cctggaaaga caaaaattca ccatgatggg aaggactggc tccctgagga      300
ggggctgagg atgcgggaat ttgcccaggt gccttgccctg gggaaaacca tcccaatggc      360
actgggacac cttaggaagg ctgtgaaagg gagggacgtg tccccctaag gaaaaagttc      420
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gagccagtag gttgttcaac ctgctgagaa ccactccagc gtgactttac tgttgccaaa      1500
ccaaaatctc caattttcac tgtaagcct tcatggagaa atatattgtt ggatttcatg      1560
tctctatgga tgatgttctt tgcatgcaaa tagtccattc cctgagccgt ctgccgggca      1620
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ctggaattgc tctggggttg ggtcgacaac ctttaggata ttactgcaa catctccgtg      1860
ccatttacc ttataaacag ttccaaaaga gcctgaccca atccgagtgg acagcatcac      1920
ttcactggct tctatttccc aataatagct tgaatctctc tgtccacgag gcctaatttt      1980
gtttttctcc tgggtcccag atactggtgc ccgctctctt tgtgctggca cgggggtttt      2040
cggctgtgac cagcctgttg ggctcagatt gttggggcta ctggacaggg ctgaagggtga      2100
ggctgattcg ctgtgacttc gaattgcata cttctgcaat ccggtgcgcc gcagccgctg      2160
ggccctggac tccaccggt cctcgtccga gctctctcca acttcggcct ccagctgctc      2220
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ggctgggact tcacctcct ccttgaagag cagaacgtga agcttcccgc gcgccaccag      2340
cagcccggtg ttggcctcca gccgctgcac ctgggctgcg cggcgaccgc cgcgctcttg      2400
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gctgggtgggtg tctgtggctgc gactcagagc gccagggccg ctctggatgc ggcgcacgga 2520
ccctgccagg cctccctgcc ttcgagccag gcctccctgc cgctcccgca gagtctccag 2580
catggaggcc agcttctcca gcagggtcac caccgtcacg gcgtgcacgg gaccccccg 2640
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ccgcgccggg ggctgtgtg gaagcctgtt ggccccaaat cggccccctg caaacctct 2940
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<210> 3341
<211> 1321
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1321)
<223> similar to gi2055392 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3341
cacacactgc accacagctc tcccacctct gaggccgagg agttcgtctc ccgcctctcc 60
accagaaact acttccgctc cctgccccga ggcaccagca acatgacctc tgggaccttc 120
aacttcctcg ggggcccggc gatgatccct aatacaggaa tcagcctcct catcccccca 180
gatgccatac cccgagggaa gatctatgag atctacctca cgctgcacaa gccggaagac 240
gtgaggttgc ccctagctgg ctgtcagacc ctgtgagtc ccatcgtag ctgtggaccc 300
cctgggcgtc ctgcttacc ggccagtcac cctgggggat ggaccactgt gggggagccc 360
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tgtgctgcac ctgggcgagg aggcgccttc ccacctctac tactgccagc tggaggccag 480
tgcctgctac gtcttcaccg agcagctgag ccgctatgcc ctggtgggag aggccctcag 540
cgtggctgcc gccaaagcgc tcaagctgct tctgtttgcg ccggtggcct gcacctccct 600
cgagtacaac atactggtct actgcctgca tgacactcac gatgcactca acgtagtgg 660
gcagctggag aagcagctgc agggacagct gatccaggag cactggtac tgcacttcaa 720
ggacagttac cacaacctgc gcctatccat ccacgatgtg cccagctccc tgtggaagag 780
taagctcctt gtcagctacc aggagatccc cttttatcac atctggaatg gcacgcagcg 840
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caagctgtgg gtgtggcagg tggaggcgca cgggcagagc ttcagcatca acttcaacat 960
caccaaggac acaaggtttg ctgagctgct ggctctggag agtgaagcgg gggccccagc 1020
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cctggaccca ccctgtaggc ggggtgccga ctggcggact ctggcccaga aactccacct 1140
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gtgggaggcg cggcacttcc ccaacggcaa cctcagccag ctggctgcag cagtggctgg 1260
gactgggcca gcaggacggg ggcttctttc acagtgttcg gaggctgagt gctgaggccg 1320
g 1321

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<210> 3342
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (46)...(338)
 <223> similar to gil478205 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3342

gggtccgctg	cagggcaggt	tcagcagcaa	cagcagcggc	gacaccagca	gggaaaagtg	60
acagtgaat	acgatcgtaa	ggagcttcgg	aagcggctgg	tgctggagga	atggatcgtg	120
gagcagctgg	gtcagctcta	cggctgagag	gaagaagaaa	tgccagaggt	agaaattgac	180
attgatgac	tttttgatgc	atacagtgat	gaacagagag	cttcaaaatt	acaggaagct	240
cttgtagact	gctacaaacc	aacagaggaa	tttatcaaag	agctgctttc	tcggataaga	300
ggcatgagga	aactgagccc	ctccgcagaa	gaagagtgtg	tgattctgga	acagggtgaa	360
actctcccag	agatgaagaa	agagtcctgg	gatttgtact	tcatgaagac	ttttgtgaaa	420
gaataggtgt	ccttatgaac	aacgtttttg	tttttttttt	ttcttttttg	ggggtaaagg	480
tgggggggtc	tattagacat	ttattcaaga	gcgttctttt	ttgggtttta	aagggttttg	540
ttaatgtaat	atttaaatac	caaaaatata	ttgacttttag	ccacagccta	cccaggggtt	600
atcaagggag	ggggaccctc	aggggaaggg	ccccccaggt	tgcgtttctc	gcaggggactc	660
aaatgttaat	tcccttatga	tcccggaaaa	atagtttttt	tacaagaagt	tgggcaaaat	720
ttttttccta	aagttggaca	ttggactcaa	ttggcaaatt	tttcaacctg	gtattttt	777

<210> 3343
 <211> 408
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(408)
 <223> similar to gi325465 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3343

ggcttcccc	agggttcaag	aactccccca	ccatcttcgg	ggaggcattg	cctcaagacc	60
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tgctgggaca	ccccatggca	gtcgggtgca	ccaaaggaac	agatgctcta	ctccggcacc	180
tggaggactg	tgggtataag	atgtccaaga	aaaaagctta	gatctgccga	cagcaggtac	240
attacttagg	atttactatc	cgaaagtggg	agacagccta	ggatcagaaa	gaaacaggtc	300
atttgaaatc	tactggagcc	taagaccaga	aggcagggtg	gagaattctt	atgggctgtg	360
gggttttgaa	gactgtagat	cccaaaattt	gcagtataag	ccaagcct		408

<210> 3344
 <211> 3932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3933)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3934)...(282)
 <223> similar to gi2245317 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3344

tttttttttt	ttgggggtgca	ggtggcggttt	attttcatgg	atttatacac	actggaaaag	60
cctctgcgcc	catgcccacg	ccctcctccc	tccccccggc	gctgggtccc	ctcatatgaa	120
agggaagtaa	caccgaggag	cacacggaga	tatagggtgt	ggggctgggg	gggccagcgc	180
tggggccaaa	agtctgggtc	cccagcctcc	cacacgcagc	ccctcgggcc	ccttgggtgt	240
gtcaataaat	aaccaggtc	caggctggtg	tgggcctcac	tcctcgtgt	ccagcttcag	300
gctgatgctc	cgtgctttgc	cccgtgccag	ggtggtgggt	ggtgttccc	ggccctcacg	360
ctccgcctgg	ctggggcccc	tcgagcgaag	cagctggctc	tgtttgcgca	ggaagtccac	420
gggggcagcc	acaccatagc	tgctcttgcc	caaggcagct	ctcgggggtc	ccgaggaggc	480
atgcgagtgc	gagcccgttt	ccagctggcc	caggctgggc	acatagccgt	ctgacaggaa	540
ctggcactgc	gcctgtagct	tccgcacggc	acggcccacg	atgtaggtct	ggctcgggga	600
cagccccagc	gccgcgtata	cagccacatc	tttgggagac	ccataaccgg	ccacgatgtt	660
cagtcctacc	tcctgcacca	ggctctggag	aaacattgcc	ttctggcgta	gtgggtcgtg	720
ggtgaggccg	tcgcagaagg	agacgacgcc	cgttggggga	agttgtgctg	ccganagcca	780
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ggcccagtg	ggagccgaag	aggaagaagc	cagagacctt	gaagtcaagg	cgggcagtg	1980
tgctggggcc	gtcaggtgcc	tcggaactgg	cagcggtggg	gcagaaggcc	gtgcttggcc	2040

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gccggggctc ccaggaggag gtggttgcg gggctgcctg aaggctgttc tgagagccct 2100
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gcagggcagc cttgggcagc agtgcccgga accagcctgg gatgtgggag cccacgtggt 3840
acaccttggt tgtgtattgc ccgctgcccc cgggcccatc cgtgtagggc cggttgcca 3900
ggatctccac gccgctgccc gcaccactag cc 3932

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<210> 3345

<211> 3235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2338)

<223> similar to gi4200216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3345

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actcggttta gagggcttcg gccggcggtg gcccattgga cagccctgct ggcactgggc 60
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gcctccgtag ctggccagca tcccctggac tggctgctca cagaccgggg ccccttccac 180
cgcgctcagg agtatgctga cttcatggag cggtagccgc agggtttcac caccaggtac 240
aggatttata gggagtttgc ccgttggaag gtgaacaact tggctctgga aaggaaggac 300

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ttcttcagtt	tgccattgcc	tcttgcccca	gagtttatcc	ggaacattcg	cctccttggg	360
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ttactttctg	ccacccttgg	aggagaagag	tccctgacca	tttttgtgga	caagcagaaa	480
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taaaaaaaaa	taacaaaaac	aaaacaaaac	tatttatttt	gggattgttt	tccttgttaa	3180
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<210> 3346
<211> 847
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (824)...(226)

<223> similar to gi4972706 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3346

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agcgctggga	cattgtcact	gaggcagaca	gcagccacta	gtccacaatg	gtttaaaaag		180
tcagtcctgt	gccccctcac	tggaagcttc	cattctgggc	catctgcaga	tattccttgt		240
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cgctgagctg	cagaatctca	gggacttttt	gctctcgggc	aatcttccgc	actccttctc		660
ggaattctga	taacacctga	aggtagggca	tgactgtggc	ctcgaaactg	aggcatgtta		720
ccagcccata	cgaaccggaa	atngccagag	agctgtcctc	ttctaccggc	cccaaagatc		780
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<210> 3347

<211> 648

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (639)...(287)

<223> similar to gill196431 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3347

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cccaggtaac	cgggcaacca	gatcaagaaa	cagaacaccc	caggaagcac	cacctcatgc	180
ccccttctgg	ttactgtctt	cttagggact	gatctctact	tggcaaccgc	atgggatgga	240
attttggtctg	ggttttaaac	tttatataaa	tgggaatccta	tgggtgcattt	ttgccttatc	300

tcgttcaaca	ctaggggttg	tgaatacact	ccaagttggg	ggtggagttg	cagctcattc	360
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agcatgtctc	tggatgaaca	catgtacaca	tttctgtagg	gtatacacct	aggggtggaa	540
ttgttaggtc	atatatat	acatccaact	caagctcttt	catgaaagaa	gaaagaatgt	600
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<210> 3348
 <211> 4205
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(4206)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2)...(2067)
 <223> similar to gi4240265 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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tttaagggtg	ggggaccctg	aaaatccaga	gtgtttttct	cttctcaata	ttacgattcc	180
tattagcctg	tcaaagttag	gctttgtacc	tctttatggg	ggagatcaga	cccagaaaat	240
tcttgctctc	tttgacactg	aagattcact	gacagctgtg	gcactttacc	ttgctgatca	300
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<210> 3349
 <211> 9831
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (289)...(6791)

<223> similar to gi3894265 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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9831

<210> 3350
<211> 2056
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (62)...(1399)
<223> similar to gi2739460 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3350

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<210> 3351
 <211> 3247
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3249)...(973)
 <223> similar to gi6002189 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 3352
<211> 1194
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1106)...(253)
<223> similar to gil408211 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 3353
 <211> 2535
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (90)...(646)
 <223> similar to gi6003574 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 <213> Homo sapiens

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 <222> (2)...(6150)
 <223> similar to gi2224543 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 3355
<211> 1380
<212> DNA
<213> Homo sapiens

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<221> misc_feature
<222> (119)...(1000)
<223> similar to gi577276 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 3356

<211> 3479

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<222> (1)...(3480)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1)...(2095)

<223> similar to gi5262681 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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cagcacgtgt	catttccatta	ggtcctgtat	ctgatgttgt	ggttagtgga	gtcctccagc	2160
aattgaatga	gagcagtgga	cacatctcag	caggtcggtc	tagagagttg	cgaatctaaa	2220
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acaacttgat	tacatctttt	ttcttagcta	ttttgcattt	tttcttttac	catgtttcga	3240
tttctgcatg	tagattttaa	taaaaaaca	aacttgtaaa	gttgtaacat	ttcataatga	3300
aatgctgccc	aatcttcacc	agcttcagaa	atctgcacct	tgccgatgct	gcaataaagt	3360
gttgtaattt	aaaaaaaaaa	acaacccatt	accaaacata	anntgtgcc	ccccctgggg	3420
gggggctcat	tttaatagcc	gctcctttcc	ccccctacg	ttatatatgg	gtttttata	3479

```
<210> 3357
<211> 2578
<212> DNA
<213> Homo sapiens
```

```

<220>
<221> misc_feature
<222> (1)...(2579)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1)...(2204)
<223> similar to gi791043 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3357

```

aaactcagtg gacgacccta cagacacatg ggagtgcttg gaacttcaaa actctatgac      60
attcgaaaaa ctatctttac tttcactcca cagtttatag accagcaaca gttctacctg     120
gctctggaca acaagatgat agtggaaatg cttagaacag acctctccta cctctgtagc     180
cgctggcgga tgacaggcca gccaccatc accttcccca tctcacacag catgcttgat     240
gaagatggaa caagcttgaa ttcaagtatc ctggcagcac tccgaaaaat gcaagatggg     300
tattttggtg gggcaagggt tcaaacaggt aaattgtcag agtttttgac aacatcttgt     360
tgcacacact tgagcttcat ggaccctgga cctgagggta agctgtacag tgaagattat     420
gatgacaact atgattacct ggaatctggc aactggatga atgattatga ttcaaccagt     480
catgctcgct gtggtgatga agttgctcgt tatttagatc accttttggc gcacactgct     540
ccccatccta aactagcccc tacctcacag aaggggagggc tagatcgggt ccaagctgct     600
gtgcaaaaaa cctgcgactt aatgtccttg gtgaccaagg ccaaggaaact gcatgtacag     660
aatgttcaca tgtatcttcc tacgaagtta tttcaggctt cccggccttc attcaactta     720
cttgattcac ctcacccccg acaggagaac cagggtccct ctgttcgtgt agaaatacat     780
cttcctagag accagtctgg ggaggtggac tttaaagcac tggttttaca gttgaaggag     840
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gactggaaca ctgaattgta taatgaacgg agtgctacag tgagagagct tcttaccgag     960
ctgtatggca aagtgggaga aattcgctac tggggcctga tccgatacat ttctgggata    1020
ttaagggaaga aagtggaagc acttgatgag gcctgcacag accttctctc ccaccagaaa    1080
catttgacag taggacttcc tccagaacct cgagaaaaga ctatctctgc acctctgccc    1140
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cttacacagg aaataatggt atatctagcc atgtatatgc gaaccagacc tggcctcttt    1260
gctgaaatgt ttcgacttcg aattgggtctg atcatacaag ttatggcaac agaactggcc    1320
cactcccttc gatgctcagc tgaggaagcc acagagggcc tgatgaatct cagtccttcg    1380
gccatgaaga atctcctgca tcacattctc agcggcaagg agtttgaggt ggaacgaaag    1440
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tggaatttcg tagactgtca atctcagctg agagtcagtc acctggaacc tctatgactc    1620
caagtagtgg gtcctttcct agtgcatatg atcagcagtc atctaaagat agtcgtcaag    1680
gtcaatggga acgccgaaga aggctggatg gggcactgaa tagagtcca gttggatttt    1740
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cttgtcctca ccatgctggc agatattgaa attcatagca tcggaagcat cattgctgtg    1980
gaaaaaatag tgcatattgc caatgacttg ttccttcaag aacagaaaac ccttgggcnc    2040
agatgatacc atgttggcaa aggatccgc atctgggcat ctgtactctt cgggtatgac    2100
agtgcacca gtggcagggt tggcaccatg acctacctct cccagggcag ccggccacct    2160
acgtgcagga gttcctgccc ccacagcatc tgtgccatgc aatgagggct ttggttcctg    2220
gcttctggga gccttttgac agctgggtcc tgctcgggt ggattgtgca tggaaactaaa    2280
atgttattgc ctaaccaatc caaccctgct ccctttctgt cccatccttc ccaagaagag    2340
agaacttttt cgataaacta actactgtag aagaagtga cacttacctg gaggtcacc    2400
ttgcagaacc agtgacaatc ttatgagtat aatgaacact cagccaggcc tgtcatgatt    2460

```

```

ggctttatatt ctttcatcat tcataaaagt ttgcatgtgt ttttattctc tagatctgtt 2520
accaatatag ttttctaact cctgtttggg gagcaagtgt taaaaaaaaac ttattcct 2578

```

```

<210> 3358
<211> 342
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (344)...(24)
<223> similar to gi699581 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3358
cttgagtaca cagaccaggg tatgcgggca cgtgagaggc tgctgatgat ttatatcttc 60
cattgtgagg gaggacttgc ttggtcttat aatatctagc caaacatgtg aatccggctc 120
tctataacaa tcacacggaa cttatgatcc ttatactttc tgatcctatc aagatgcttt 180
cgaacagcaa ctgcttttctt aagtacttgg tgcagatctt caagaagatc aggagcatga 240
tccttagact taagaattct tagcatgata ttgcctgtca caaaacgtac ttgtgcaaca 300
ccatgtgaat ctctcatgat tacaccgatc tgtgaaggag ta 342

```

```

<210> 3359
<211> 2666
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2666)
<223> similar to gi5257005 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3359
ggatcacctg gcaaaaagga agagaaggcc aagaacaaag aatcactttg catggaaaac 60
agtagcaaca gctcttcaga tgaagatgaa gaagaaacaa aagcaaagat gacaccaact 120
aagaaataca atggtttggg ggaaaaaaga aaatctctac ggacaactgg tttctattca 180
ggattttcag aagtggcaga aaaaaggatt aaacttttaa ataactctga tgaagactt 240
caaacagca gggccaaaga tcgaaaagat gtctggtcaa gtattcaggg acagtggcct 300
aaaaaacgc tgaaagagct tttttcagac tctgatactg aggctgcagc ttccccaccg 360
catcctgcc cagaggaggg ggtggcagag gagtcaactgc agactgtggc tgaagaggag 420
agttgttcac ccagtgtaga actagaaaaa ccacctccag tcaatgtcga tagtaaacc 480
attgaagaaa aaacagtaga ggtcaatgac agaaaagcag aatttccaag tagtggcagt 540

```

aatttcagtg	cttaaatacc	ccttccttac	ttacacctga	atgccttca	tcagtcactg	600
taacagaaag	gcagccggca	gcagtccttct	gtaacagtat	cagaaccact	ggctccaaac	660
caagaagagg	ttcgaagtat	caagagtgaa	actgatagca	caattgaggt	ggatagtgtt	720
gctggggagc	tccaagacct	ccagtcctgaa	agggaatagc	tcgccagcag	gttttgatgc	780
cagtggtgagc	tcaagcagta	gtaatcagcc	agaaccagaa	catcctgaaa	aagcctgtac	840
aggtcagaaa	agagtgaag	atgctcaggg	aggaggaagt	tcatacaaaa	agcagaaaag	900
aagccataaa	gcaacagtg	taaacaacaa	aaagaaggga	aaaggcacia	atagttagtg	960
tagtgaaaga	ctttcagctg	gtgaaagtat	aactaagagt	cagccagtca	aatcagtttc	1020
cactggaatg	aagtctcata	gtaccaaata	tcccgcaagg	acgcagtcct	caggaaaatg	1080
tggaagaagt	ggtgataagg	atcctgatct	caagggaacc	agtaatcgat	tacccaaagt	1140
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tgcacagtgg	cacaaaaaaa	tatcacagaa	gcactatatt	atatttaaaa	attgtttctt	1560
gacaagctga	cttggcactt	aagtgcactt	ttttatgaag	aaaaagtaca	atgaactgct	1620
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tgtaaagct	ggaacatttg	atattttttcc	atttatttat	gaaaaaata	gaacctattt	1860
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aagtcaagca	catgtaataa	attcaaaacc	tgcatgtaac	aggatattag	acatcaatcc	1980
tggtaaccaa	atattaaaga	ttctctttta	aaaagactga	acatgtttac	agggttgaa	2040
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actttgccat	ttttctataa	atcagtat	ttttttaatt	ttgatataca	ttgtgtgaaa	2160
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attgacttta	tgttgtagta	ttccaatctc	tgttctgttt	ggcacttgta	tttaattctt	2580
cacctttgta	agacatttgt	atattgtgca	tgtgttcatt	caagctattt	aatatctggc	2640
actgttaata	cacagtactt	tattgt				2660

```
<210> 3360
<211> 7502
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (2)...(6861)
<223> similar to gi3413886 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 3360
cgagcacagt gtatctggcc ggagcagtgc ttatggcgat gctacagctg aqqqqcatcc 60

ggtctggacca	ggaagtgtca	gctcaagcac	tggagccatc	agcaccacca	ctgggcacca	120
ggagggagat	ggctccgagg	gagaaggaga	aggagaaaact	gaaggagatg	tccacactag	180
caacaggctg	cacatggctc	gtctaattgt	gttggagaga	ttactgcaga	ccctgcctca	240
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tacagatctg	gatggagaag	atgagaaaga	caagggggcc	ctagacaacc	tgctctccca	360
gcttattgct	gagttgggta	tggataaaaa	ggatgtctcc	aagaagaatg	agcgcagcgc	420
cctgaatgaa	gtccatctgg	tagtaatgag	actcctgagt	gtcttcatgt	cccgcaccaa	480
atctggatcc	aagtcttcca	tatgtgagtc	atcttccctc	atctccagtg	ccacagcagc	540
agctctactg	agctctgggg	ctgtggacta	ctgcctgcac	gtgctcaaat	cactgctgga	600
atattggaag	agccaacaga	atgacgagga	gcctgtggct	accagccagt	tgctgaaacc	660
acatactacc	tcttccccac	ctgacatgag	cccattcttt	ctccgccagt	atgtgaaggg	720
tcatactgct	gatgtgtttg	aggcctatac	tcagcttcta	acagaaatgg	tactgaggct	780
tccttaccaa	atcaaaaaga	ttactgacac	caattctcga	atcccacctc	ctgtctttga	840
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ccgggatttg	cacaccctgg	actcttcacg	tgctgtgggat	caagaagctg	ctagaagagc	1020
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acacactcat	cagcctgatg	gagcacctga	aagcctgtgc	agagattgcc	gcccagcgaa	1140
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tcagtttctt	tgtggatgag	ggcgtgtccc	cagtgtctgt	gcaactgtct	tctgtgtctc	1260
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agaacaagat	ttgccaggac	tgtgacttag	tggccctcct	ggaagatgac	agtggcatgg	4500
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<210> 3361
<211> 187
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(180)
<223> similar to gi344422 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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agctcgc 187

```

```

<210> 3362
<211> 3307
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2408)
<223> similar to gil230564 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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ctgcgaaagc	aaaccgagga	gaaagagaaa	aaagagaagc	caaaatctga	taagactgaa	180
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gagccttctg	aagttgacat	gaattctcct	aaatccaaaa	aggcaaaaaa	agaaagagga	300
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<210> 3363
 <211> 4461
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (4464)...(2165)
 <223> similar to gi3724141 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 cattacatca agagaacccc ctcatgtgtc acaatcatgc ccgcttcctt tcccctcagc 180
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<210> 3364

<211> 6566

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6567)...(1439)

<223> similar to gi4545099 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gagaggagat ggggtagaac tacagcttg agactgaacc acagaggcag ctggagaagg 6180
gttagaaatg gggctgaagt tctggtgaaa ctgcatgggg gacctcacag gaacctcagg 6240
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attggattgt gttccataag cctgtgcatt agaaccaca ttgtgtcctt catactgaga 6480
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tgaagggaag gaggag 6556

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<210> 3366
<211> 1120
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(726)
<223> similar to gi4755083 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3366
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ggtttgtgaa atggctgctg acatttctga atccagcggg gctgactgca aaggagacc 180
aaggaacagt gccaagttag atgccgatta cccacttcga gtcctttatt gtggagtctg 240
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agagaagaat tttccaaatg aatttgcaaa acttactgta gaaaattcac ccaaacaaga 360
agctggaatt agtgagggtc aaggaacagc aggggaagaa gaggagaaga aaaaacagaa 420
gagaggtgga aggggtcaaa taaaacaaaa aaagaagacc gtaccacaaa aggttactat 480
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```

```

<210> 3367
<211> 326
<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(297)

<223> similar to gill143061 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3367

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aacctaacag	tttattcaac	ccataacatc	aaaaacatgc	taactcacca	cagtgtacta	180
agtttcatct	ccccctcaca	gcttctccaa	ctgtatgctc	tattcataaa	aactccccaa	240
atcacctgct	taaccagctc	tcgtctaaac	ccagccatgc	tcttacctga	aatttctacc	300
tgacaagacc	ctgcacactt	ctgtgt				326

<210> 3368

<211> 399

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (135)...(388)

<223> similar to gil840393 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3368

ggcacgaggc	ataaagtctg	attctcttac	tgtctgcatg	gagttttttc	acttctgtgt	60
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ggtgctgcat	atcggtgact	ccagcccatc	tcaatgacct	tgcttgatt	attccattac	180
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tcagactatt	tgtcggagca	cggatctacc	actccattgc	atatttgaca	cccctttccc	300
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<210> 3369

<211> 631

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (522)...(214)
 <223> similar to gi4929553 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3369
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 aatccatgga aggagagaaa ggggatgaaa cttgaaggaa ccaggactct ggaggatgca 120
 ggatgctgtt tctctggatg agatgtactc tgccactgtg ctctctgggc actttcagat 180
 gatgggggtct gagatgtctc ctcaggctgc atcagctgtc ttcagtctcc agaacagaaa 240
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 ggactgaaga tggggcagga gctcagcatg gaaaccctgt tcctgaaggc acagcagccg 360
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 caccacacgg ttctcctggg ccacgtgggc ctgaagggca gccagattca gtggcagctg 480
 gggatctagc cccactcgtc gtagcccccg ctgcacatat ctgtgggatc agtcacattc 540
 agcactcagt ttggttttaa gaactgtcac ctctcactta aactttgctt gttcctaatt 600
 cagttccaac tttgctttat tttctcgtgc c 631

<210> 3370
 <211> 405
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (361)...(104)
 <223> similar to gi4929731 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3370
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 aacttcaaag ccacactggt gatgcaaaac ctctgaccat tgaggcctgg ctgatcacta 180
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 aacgaggaat ccaaaggctt aagatccctg ggtggcttta tcagagccag acgtaccctg 300
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<210> 3371
 <211> 4357
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (3)...(3068)
 <223> similar to gi4034486 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3371

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gacctgaagc	tttggaatca	tggaaacata	tgaattcttc	tgaacaagca	catactgcaa	600
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09483733.012100

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<210> 3372

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(354)

<223> similar to gi4689108 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3372

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caccataggt ggcattgttct ttgagcattt tgtcattaat tacttaaccc ataagtgagg 360
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<210> 3373
 <211> 5255
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(4581)
 <223> similar to gil228035 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3373

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tgaaagacat	gagacagaag	acagaattac	aacagattgg	aaaaaaaaatt	ccaagctcct	180
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<210> 3374
 <211> 2440
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (344)...(1917)
 <223> similar to gi5052652 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3374

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ctgtggccac	tatccccggc	acatcgtgtt	cctggagtat	gagagttctg	agaaggagaa	360
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ctgtgctctt	cgaagtgggt	acacgcctct	ttttgataag	gtcagaggct	atgacatcaa	660
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<210> 3375

<211> 2529
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (2531)...(681)
 <223> similar to gi4884092 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3375

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cccattttact	ttggaaactg	aggagaaaaga	actgctttcc	ccactcgtgt	ctggggcaaag	180
ggtgtgcccc	gatgttgcca	aaggaaccag	acaaaatcaa	cagccagcag	ttttctgttc	240
caaacagtta	gctcctctac	agtccagagg	gaagctattc	ctgagttcat	tcaagggtgac	300
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accttgtaaa	cattcagcta	ggtgtaacat	aaccagaaaag	gctgaaggaa	ggctcttgcc	420
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gagagctatg	atgaataaaa	tattttttatt	gctttttctaa	aataactcct	ttcatataca	540
aggattcctt	cagtttaggtc	atctattatc	ctaaatgctc	tctggctcatg	agcaggtgag	600
gttctatttta	gccaagataa	gtggctgcct	cagagtttct	catagggaaa	actgaaatct	660
gattatttttc	ttttcttcac	atagtctcta	ggttgagaac	tccaagtagt	aagaggcaca	720
ggataaggat	gggagagact	gagcattttt	gagagaatac	tctctgctg	aatgccactt	780
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<210> 3376
 <211> 4333
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4336)...(404)
 <223> similar to gi4033735 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3376
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 caaagacagg ttattttaaaa atcatgctac tggatttcta gctcttcctc tatgaccagt 300
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 ataacgaata taggtgttct tatcatcggt gtagattctt gggtaatgtg ctatgagagc 480
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<210> 3377

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(836)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (835)...(251)

<223> similar to gi3493462 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters


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aatgtttctac ctctccctgt ccctcttgta ggggataggg aggcagagag agccagcccc 1380
taccctcaga gtatctggac ctccagagacc atgttggtgcc aggggtggtc ccacctaaag 1440
atgctagccc ctctccaggt gggcataagg agtaacagat ggcaaaacca caaactatct 1500
tgatggactg tgctgcagta tcaccagaag acattagggg gcagtagggc cccacacaaa 1560
accttcaggc ttgaatttta aaggggagga ctttctgcca acttttcttg tatgccttgg 1620
gaaagccagt tgcctgaac ccagcagaca ccatggaatg tcctttgcac gcattaaatg 1680
gtacagaact gaagcctcgg                                     1700

```

```

<210> 3379
<211> 1549
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(1294)
<223> similar to gi310102 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3379
aggacgagga tgtttctgga agaaaaaatc ccctcgattt ctgattttaa gctagcaatt 60
cgaagagcta ctctgaaaag atcattttact cctgtatttt tgggaagcgc cttgaagaac 120
aaaggagttc agcctctttt agatgctggt ttagaatacc tcccaaatcc atctgaagtc 180
cagaactatg ctattctcaa taaagaggat gactcaaaag agaaaacca aatcctaattg 240
aactccagta gagacaattc ccaccattt gtaggcctgg cttttaaact ggaggtaggt 300
cgatttggac aattaactta tgttcgcagt tatcagggag agctaaagaa ggggtgacacc 360
atctataaca caaggacaag aaagaaagta cggttgcaac ggctggctcg catgcatgcc 420
gacatgatgg aggatgttga ggaagtatat gccggagaca tctgtgcatt gtttggcatt 480
gactgtgcta gtggagacac attcacagac aaagccaaca gcggcctttc tatggagtca 540
attcatgttc ctgatcctgt catttcaata gcaatgaagc cttctaaca gaacgatctg 600
gaaaaatctt caaaagggtat tggcagggtt acaagagaag atcccacatt taaagtatac 660
tttgacactg agaacaaaga gacagttata tctggaatgg gagaattaca cctggaaatc 720
tatgctcaga ggctggaaag agagtatggc tgccttgta tcacaggaaa gccaaaagtt 780
gcctttcgag agaccattac tgcccctgtc ccgtttgact ttacacataa aaaacaatca 840
ggtggtgcag gccagtatgg aaaagtaata ggtgtcctgg agcctctgga cccagagggg 900
ctacactaaa ttggaatttt cagatgaaac attcggatca aatatttcca aagcagtttg 960
tgctgtctgt agaaaagggg tttttagatg cctgcgagaa gggccctctt tctggtcaca 1020
agctctctgg gctccggttt gtcctgcaag atggagcaca ccacatgggt gattctaattg 1080
aaatctcttt catccgagca ggagaagggt ctcttaaaac agccttgga aatgcaacat 1140
tatgtattct ttgaacctat tatggctgtg gaagttgtag ctccaaatga atttcagggg 1200
acaagtaatt ggcaggaatt aaccgacgcc atggggtaat cactgggcaa gatggagttg 1260
aggactatct tacactgtat gcagatgtaa gtagtcttgg tcattggcag tcctgctttt 1320
attaaccata gaaggaaatc cagggttagct tttgtttttg caaatggaca catttccttg 1380
ctgaatttgt ggcttttatac atgtggcatt ttctgtaatt tgctattaaa gcaactctta 1440
agtgcagaag ttaaaaaataa gatttatttt atcttgacct tttgtgaatg tgtcattttc 1500
ttagatgtat attatctctc tttcttgaat aagcacagat ggacaaatt 1549

```

<210> 3380
 <211> 2580
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (6)...(1976)
 <223> similar to gil556399 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3380

ggcacgagct	gtgttccgac	atctacctaa	agttctatga	acctcaagat	agagatgatc	60
tctattttta	cattgccaca	tacctagagc	accatgtggc	ggagcacact	gctgagagct	120
acatgctgca	gtggcagcgt	ggacaccttt	ccaactatca	gtacctcctt	cacctcaaca	180
acctggccga	ccgcagctgc	aacgacctct	cccagtaccc	tgtgtttcca	tggataatac	240
atgattattc	cagctcagaa	ctagatttgt	caaatccagg	aaccttccgg	gatctcagta	300
agccagtagg	ggccctaaat	aaggaacggc	tggagagact	actgacacgc	taccaggaaa	360
tgctgaacc	aaagtccatg	tatgggagtc	acctactctt	ccccgggtta	tgtacttttt	420
tatcttgta	ggattgcacc	cagagtatat	gctgtgcctg	cagaatggaa	gatttgataa	480
tgcatagata	atgttcaaca	gtattgcaga	aacttgga	aactgtctgg	atggtgcaac	540
ggattttaaa	gagttaattc	cagaattcta	tggatgatga	gtgagctttc	tagtcaatag	600
cctgaagttg	gatttgggaa	agagacaagg	aggacagatg	gttgacgatg	tggagcttcc	660
cccttgggct	tccagtcccg	aggactttct	ccagaagagc	aaagatgcat	tggaaagcaa	720
ttatgtgtct	gaacaccttc	acgagtggat	tgatctaata	tttggctaca	aacaaaaagg	780
gagtgatgca	gttggggccc	ataatgtatt	tcatccctg	acctatgaag	gaggtgtaga	840
cttgaacagc	atccaggatc	ctgatgagaa	ggtagccatg	cttacgcaaa	tcttgggaatt	900
tgggcagaca	ccaaaacaac	tatttgtgac	accacatcct	cgaaggatca	cccaaagtt	960
taaaagtttg	tcccagacct	ccagttataa	tgcttctatg	gcagattccc	caggtgaaga	1020
gtcttttgaa	gacctgaccg	aagaaagcaa	aacactggcc	tgggaataaca	tcaccaaact	1080
gcagttacac	gagcactata	aaatccacaa	agaagcagtt	actggaatca	cggctctctcg	1140
caatggatct	tcagtattca	caacatccca	agattccacc	ttgaagatgt	tttctaaaga	1200
atcaaaaatg	ctacaaagaa	gtatatcatt	ttcaaataatg	gctttatcgt	cttgtttact	1260
tttaccagga	gatgccactg	tcataacttc	ttcatgggat	aataatgtct	atttttattc	1320
catagcattt	ggaagacgcc	aggacacggt	aatgggacat	gatgatgctg	ttagtaagat	1380
ctgttggcat	gacaacaggc	tatattctgc	atcgtgggac	tctacagtga	aggtgtggtc	1440
tgggtgtcct	gcagagatgc	caggcaccaa	aagacaccac	tttgacttgc	tggccgagct	1500
ggaacatgat	gtcagtgtag	atacaatcag	tttaaagtct	gcaagcacac	tgtagtttc	1560
cggcaccaaa	gaaggcacag	tgaatatttg	ggacctcaca	acggccacct	taatgcacca	1620
gattccatgc	cattcagggg	ttgtatgtga	cactgctttt	agcccagata	gtcgccatgt	1680
cctcagcaca	ggaacagatg	gctgtcttaa	tgtcattgat	gtgcagacag	gaatgctcat	1740
ctcctccatg	acatcagatg	agccccagag	gtgctttgtc	tgggatggaa	attccgtttt	1800
atctggcagt	cagtctggtg	aactgctcgt	ttgggacctc	cttgagcaaa	aaatcagtga	1860
gagaatacag	ggccacacag	gtgctgtgac	atgtatatgg	atgaatgaac	agtgtagcag	1920
tatcatcaca	ggaggggaag	acagacaaat	tatattctgg	aaattgcagt	attaagtgcc	1980
ttttcctctc	ctgaatatta	aattgaactc	tatttaatgc	atttttaaac	caaactttta	2040
aacggactgg	tgaatgtgca	atgttagtaa	ttagaagttt	taccacatgg	aaaattttgtg	2100
gttttaaact	ttctaaatca	tggtagcttc	attgaaagcc	attagttgct	attctcttag	2160
ggcagataaa	atgctggctgt	gttaggaaaa	acatgttaca	ctgtaaggca	gatgatcgtc	2220
cccgtatgat	gattgtcaga	agacaggact	aagtagcaga	gaatagctaa	gagataaatt	2280

gggctgggga	aacttgtcag	aaagcactga	acaattaaga	aattttccaa	gaaaatgtgc	2340
agtattctct	gctacttctg	aatctgtttt	gtcttcctaa	tctatcacia	ttgccaccca	2400
tcgggttttg	ggtgtgtgtt	ttcatagcgt	ggttactttc	tataatgctg	taccagatt	2460
ctaagaacct	ggagaaggat	tagcagttct	tagtaagttt	actgtgtata	ggaacggttt	2520
gtatttcatt	acagctattc	atctttttcta	cattaataaat	atttttctct	aaaaaaaaaa	2580

<210> 3381

<211> 2825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2407)

<223> similar to gi3822218 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3381

caagtggctg	cgggacactg	ctgccagacc	tgcccccagg	agcgcagcag	ttcggagcgg	60
cagccgagcg	gcctgtcctt	cgagtatccg	cgggacccgg	agcatcgcag	ttatagcgcac	120
cgcggggagc	caggagctga	ggagcggggc	cgtggtgacg	gccacacgga	cttcgtggcg	180
ctgctgacag	ggcggaggtc	gcaggcgggtg	gcacgagccc	gagcctcgct	gctgcgctct	240
agcctccgct	tctctatctc	ctacaggcgg	ctggaccgcc	ctaccaggat	ccgcttctca	300
gaccccaatg	gcagtgtcct	gtttgagcac	cctgcagccc	ccaccaaga	tggcctggtc	360
tgtggggtgt	ggcgggcagt	gcctcggttg	tctctcgggc	tccttagggc	agaacagctg	420
catgtggcac	ttgtgacact	cactcaccct	tcaggggagg	tctggggggc	tctcatccgg	480
caccggggcc	tggctgcaga	gacottcagt	gccatcctga	ctctagaagg	ccccccacag	540
cagggcgtag	ggggcatcac	cctgctcact	ctcagtgaca	cagaggactc	cttgcatttt	600
ttgctgctct	tccgagggct	gctggaaccc	aggagtgggg	gactaaccce	ggttcccttg	660
aggctccaga	ttctacacca	ggggcagcta	ctgcgagaac	ttcaggccaa	tgtctcagcc	720
caggaaccag	gctttgctga	ggtgctgccc	aacctgacag	tccaggagat	ggactggctg	780
gtgctggggg	agctgcagat	ggccctggag	tgggcaggca	ggccagggct	gcgcatcagt	840
ggacacattg	ctgccaggaa	gagctggcga	cgtcctgcaa	agtgtccttt	gtggggctga	900
tgccctgate	ccagtccaga	cgggtgctgc	cggctcagcc	agcctcacgc	tgctaggaaa	960
tggctccctg	atctatcagg	ccgtgggtat	ctgccctggg	ctgggtgccc	gaggggctca	1020
tatgctgctg	cagaatgagc	tcttcctgaa	tgtgggcacc	aaggacttcc	cagacggaga	1080
gcttcggggg	cacgtggctg	ccctgcccta	ctgtgggcat	agcgcccggc	atgacacgct	1140
gcccgtgccc	ctagcaggag	ccctgggtgt	acccctgtgt	aagagccaag	cagcagggca	1200
cgcttggtct	tccttgata	ccactgtca	cctgcactat	gaagtgtgtc	tggctgggct	1260
tggtggtcta	gaacaaggca	ctgtcactgc	ccacctcctt	gggcctcctg	gaacgccagg	1320
gcctcgggcg	ctgctgaagg	gattctatgg	ctcaaaggcc	caggggtgtg	tgaaggacct	1380
ggagccggaa	ctgctgcggc	acctggcaaa	aggcatggcc	tccctgctga	tcaccaccaa	1440
gggtagcccc	agaggggagc	tccgagggca	ggtgcacata	gccaaccaat	gtgagggttg	1500
cggactgcgc	ctggaggcgg	ccggggccga	gggggtgcgg	gcgctggggg	ctccggatac	1560
agcctctgct	gcgcccgcctg	tgggtgcctg	tctcccggcc	ctagcgcccg	ccaaacctgg	1620
tggctcctgg	cggccccgag	accccaacac	atgcttcttc	gaggggcagc	agcgccccca	1680
cggggctcgc	tgggcgcccc	actacgaccc	gctctgtctc	ctctgcacct	gccagagacg	1740
aacggtgatc	tgtgaccggg	tgggtgtgcc	accgcccagc	tgcccacacc	cgggtgcaggc	1800
tcccagaccg	tgtgtccctg	tttgccctga	gaaacaagat	gtcagagact	tgccagggct	1860
gccaaaggagc	cgggacccag	gagagggctg	ctattttgat	ggtgaccgga	gctggcgggc	1920

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agcgggtacg cgggtggcacc ccgttgtgcc cccctttggc ttaattaagt gtgctgtctg 1980
cacctgcaag gggggcactg gagaggtgca ctgtgagaag gtgcagtgtc cccggctggc 2040
ctgtgcccag cctgtgcgtg tcaacccac cgactgctgc aaacagtgtc cagtggggtc 2100
ggggggccac cccagctgg gggaccccat gcaggctgat gggccccggg gctgccgttt 2160
tgctgggcag tggttcccag agagtacag ctggcaccac tcagtgtccc cttttggaga 2220
gatgagctgt atcacctgca gatgtggggc aggggtgcct cactgtgagc gggatgactg 2280
ttcactgcca ctgtcctgtg gctcggggaa ggagagtcga tgctgttccc gctgcacggc 2340
ccaccggcgg ccagccccag agaccagaac tgatccagag ctggagaaaag aagccgaagg 2400
ctcttaggga gcagccagag ggccaagtga ccaagaggat ggggcctgag ctgggggaagg 2460
ggtggcatcg aggaccttct tgcattctcc tgtgggaagc ccagtgcctt tgctcctctg 2520
tctgcctct actccaccc cactacctc tgggaaccac agctccacaa gggggagagg 2580
cagctggggc agaccgaggt cacagccact ccaagtcctg ccctgccacc ctcggcctct 2640
gtcctggaag cccacccct ttcctcctgt acataatgtc actggcttgt tgggattttt 2700
aatttatctt cactcagcac caagggcccc cgacactcca ctctgtctgc ccctgagctg 2760
agcagagtca ttattggaga gttttgtatt tattaataca tttctttttc agtcaaaaaa 2820
aaaaa 2825

```

```

<210> 3382
<211> 1504
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(1093)
<223> similar to gi5262621 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3382
gcggggcgccc caaagcagtg cgggaacagc tactggcgct gtccgcctgc gccccgttca 60
atgtgcgctt caagaaggat cacgggctgg tggggcgagt gttcgcttc gatgctactg 120
cccgctctcc aggatacag ttcgagctga agctcttcac cgaatacccc tgttggttccg 180
gcaatgtgta cgccggcgtc ctggcagtg ctgccagat gttccacgat gctctgcggg 240
agccgggcaa ggcactggct tcttcgggct tcaagtacct cgaatatgaa cgccggcatg 300
gatcaggaga atggcggcag ctggggcgagc tgcttacga cggcgctccg agcttccgcg 360
agccagctcc cgcggaggcc ctgccccagc agtaccaga gccggccctt gcggctctct 420
gtggcccacc cccgcgagcc ccatcccga acctggcgcc caccgcgcgc cgtcgcaagg 480
catccccga gccggagggc gaggcggtg ggaagatgac caccgaggag cagcagcaac 540
ggcactgggt ggcacccggc ggcccgtact ccgctgagac ccctgggtgt ccctcgccca 600
ttgccgcctt gaagaatgtg gccgaagccc tggggcactc acccaaggac cctggcggag 660
gcggggggcc tgtgcgtgca gggggcgcca gccctgcagc ctctccacg gccagccgc 720
caaccagca tcgccttgtg gcccgcaacg gcgaagcaga agtcagtccc acagcggggg 780
ccgaagctgt cagcgggggt ggcagcgga ctggggcgac ccctggggcc cccctgtgct 840
tgtaccctgt gcaggagcg gctagaagac accacttcg tccaggtgcc ctccggtgcc 900
cgaacacaag ttctgcttcc cctgctcccg gaagttcac aaggcgagg gcccgccgg 960
ggaaggtgta ctgcccagc ggagacaagt gcccgctggt cggctcctcc gtgccctggg 1020
ccttcattgca gggcgagatc gccaccatcc ttgctggaga catcaaagtt aagaaagaac 1080
gggaccccta ggctaccact gcctccaggc tactgcctc tgcccctttg ccaccaccg 1140
ctgccgcgga taaattatc cctccccgac ccagcccagt gccacctcta tctgtgtaca 1200
tactcccttc ttccaccag atgggtcccc tggggtagat gcattgtggg tggggggaga 1260

```


aagcttgtgg	ctcctgtccg	agggggtggt	tggggtcctt	tggccctcc	agtttccctc	1320
tgtcctcctt	ggcttggctt	tgctgctgct	tgtagttggg	ggagaggtgc	ccccctcctc	1380
cttgagaagg	gacctcctga	aaactcgctc	tttataaacg	aggcaaaagc	atttaattcc	1440
caccccccca	ccccccgctc	ccttctgctc	cttcaataaa	ccgaaagatg	ggtttttttt	1500
tttc						1504

```

<210> 3383
<211> 1333
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (47)...(1247)
<223> similar to gi5442271 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3383						
gccaggccgg	caccaggcac	agacacttat	gcccttggtg	ggagaacaga	gagaggctct	60
cttgtccact	gcctgtcttc	ggttccaact	gctggttctc	ctagaggcct	ctcctcagac	120
tcgcagagct	gcctgatcat	tgctacagaa	tgaactctag	cccagctggg	accccaagtc	180
cacagccctc	caggggccaat	gggaacatca	acctggggcc	ttcagccaac	ccaaatgccc	240
agcccacgga	cttcgacttc	ctcaaagtca	tcggcaaagg	gaactacggg	aaggtcctac	300
tggccaagcg	caagtctgat	ggggcgttct	atgcagtga	ggtactacag	aaaaagtcca	360
tcttaaagaa	gaaagagcag	agccacatca	tggcagagcg	cagtgtgctt	ctgaagaacg	420
tgcggcaccc	cttcctcgctg	ggcctgcgct	actccttcca	gacacctgag	aagctctact	480
tcgtgctcga	ctatgtcaac	gggggagagc	tcttcttcca	cctgcagcgg	gagcgccggt	540
tcttgagacc	ccggggccagg	ttctacgctg	ctgaggtggc	cagcgccatt	ggctacctgc	600
actccctcaa	catcatttac	agggatctga	aaccagagaa	cattctcttg	gactgccagg	660
gacacgtggg	gctgacggat	tttggcctct	gcaagggaagg	tgtagagcct	gaagacacca	720
catccacatt	ctgtggtacc	cctgagtact	tggcacctga	agtgttcttg	gaaagagcct	780
tatgatcgag	cagtggactg	gtgggtgcttg	ggggcagtc	tctacgagat	gctccatggc	840
ctgccgcctt	tctacagcca	agatgtatcc	cagatgtatg	agaacattct	gcaccagccg	900
ctacagatcc	ccggaggccg	gacagtggcc	gcctgtgacc	tctgcaaag	ccttctccac	960
aaggaccaga	ggcagcggct	gggctccaaa	gcagactttc	ttgagattaa	gaaccatgta	1020
ttcttcagcc	ccataaaactg	ggatgacctg	taccacaaga	ggctaactcc	acccttcaac	1080
ccaaatgtga	caggacctgc	tgacttgaag	cattttgacc	cagagttcac	ccaggaagct	1140
gtgtccaagt	ccattggctg	tacccttgac	actgtggcca	gcagctctgg	ggcctcaagt	1200
gcattcctgg	gattttctta	tgcgccagag	gatgatgaca	tcttggattg	ctagaagaga	1260
aggacctgtg	aaactactga	ggccagctgg	tattagtaag	gaattacctt	cagctgctag	1320
gaagagctgt	att					1333

```

<210> 3384
<211> 1067
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (26)...(498)
<223> similar to gi3135264 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3384
gttccgggag gcgcgtgggg cttgaggccg agaacggccc ttgctgccac caacatggag      60
actttgtacc gtgtcccgtt cttagtgtct gaatgtccca acctgaagct gaagaagccg     120
ccctggttgc acatgccgtc ggccatgact gtgtatgtct tgggtgggtgt gtcttacttc     180
ctcatcaccg gaggaataat ttatgatgtt attgttgaac ctccaagtgt cgggttctatg     240
actgatgaac atgggcatca gaggccagta gctttcttgg cctacagagt aaatggacaa     300
tatattatgg aaggacttgc atccagcttc ctattttacaa tgggagggttt aggtttcata     360
atcctggacc gatcgaatgc accaaatatc ccaaaaactca atagattcct tcttctgttc     420
attggattcg tctgtgtcct attgagtttt ttcatggcta gagtattcat gagaatgaaa     480
ctgccgggct atctgatggg ttagagtgcc tttgagaaga aatcagtgga tactggattt     540
gctcctgtca atgaagtttt aaaggctgta ccaatcctct aatatgaaat gtggaaaaga     600
atgaagagca gcagtaaaaag aaatatctag tgaaaaaaca ggaagcgtat tgaagcttgg     660
actagaattt cttcttggtg ttaaagagac aagtttatca cagaattttt tttcctgctg     720
gcctattgct ataccaatga tgttgagtgg cattttcttt ttagtttttc attaaaatat     780
attccatata tacaactata atatcaaata aagtgattat tttttacaac cctcttaaca     840
ttttttggag atgacatttc tgattttcag aaattaacat aaaatccaga agcaagattc     900
cgtaagctga gaactctgga cagttgatca gctttaccta tgggtgctttg cctttaacta     960
gagtgtgtga tggtagatta ttccagatat gtatgtaaaa ctgtttcctg aacaataaga    1020
tgtatgaacg gagcagaaat aaatactttt tctaattaaa aaaaaaaa    1067

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```

<210> 3385
<211> 1748
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1749)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1326)...(0)
<223> similar to gi4587129 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3385
gttagcaaaa taccatttta ttaagaaaaa gttggtgtcc tttgctacca aaaggggaaga      60
aaaggggant aaaacaaata cgtagttact agcaacaaaa taagacaaac taatcagaaa     120
tgctgtttat tgacaagata ggggtgtcaca aatacatcat ttataggagag agagggggaca     180

```

tgaacaagtc	ccaaaatctt	ataccttctg	cacagcaagc	ccagcagggg	atgtcctctc	240
tagagatcgg	tttatccaag	ggtaccccat	gagaagggca	gctccttgan	tgcagctgcc	300
gggaagagca	tcgcacaccg	gttccgtctc	ctgggggtctt	ccccagggg	aatggtaaaa	360
gtctggccct	ggaaagtaaa	cgaacgtccc	ttgatgcggt	tcntttgcaa	gtcaaacctt	420
tggcaaaaaa	tagttcttgg	ccttcaattg	aggtttctcg	aatggcaagc	ctcccagagc	480
tttctgcttt	tctttcgggc	tgatccgtag	ggaaggcttg	cttgaagcca	cccgggggaa	540
tttggccact	taaggaacat	gggcacgacc	tttgtcccag	gatagccccg	tcaacccaag	600
atggggctcg	atgggccaatg	ttggagaaga	tttaaggcct	tttcttgagg	ttcccaagaa	660
tgaactgcgc	aaaagccaag	ttcagcactg	tttcagaggc	caagtactgt	aaccggtaat	720
tccctggagg	gggcnccaat	agtttttagng	cgcncacccg	tngacctcga	ggggggggccc	780
gtaccaaat	cgccttcag	gagcatggca	gcgcgatggg	aggggaggaa	gatcgccagt	840
acagttctgc	cacggacagt	aggacactga	tcaccatttc	tgtgttcttc	agtttctgac	900
aatgaaccaa	caatttttgt	aaaagcttat	gtgcttctga	catttggttc	tgagattgta	960
atacaaccgc	tttcctataa	accaccctct	atgctattga	ggagctgtga	attccctgta	1020
accaagtga	tcaagccaaa	atggatatatt	gccaatcatt	tcaattgctc	tgtcaaaact	1080
gtatTTTTTg	atcacataag	catccataac	tgggcgtgct	tgactattag	gcggaaatcg	1140
gttccttcaa	agtgtcttaa	cacttcagaa	gctgcaggca	aaacagccct	gctccgcgtg	1200
taagctctgc	gaggtggcag	agtgcgacag	caaaggactc	tgtgttggtc	tgctgcacgc	1260
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tcacagaatg	ctccagcaga	acatagctat	cggatctctt	ctgccccagc	acataaagcc	1560
agctcaaaca	gtgctggaga	cacacgtgat	cgttggtgactc	ctgggcaatc	ctaattgcct	1620
cctgcagggc	gagctctgcc	tgttgatagt	gaccgaagcg	gcagtgcagg	gcggcaagat	1680
tcagagcggc	gtatctcaag	ctccggccat	agccctcttc	cccattactt	ttgcttcgga	1740
cgcgtggg						1748

<210> 3386

<211> 3032

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(642)

<223> similar to gi5410355 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3386

ggcacgagga	ttcgaggagt	agtgtatatt	tttattggag	tatttcttgc	attagtgtta	60
aatttacttc	agattcagag	aaatgtgacg	ctctttccac	ctgatgtgat	tgcaagcatc	120
ttttcttctg	catggtgggt	acccccatgc	tgtggcacgg	cttctgctgt	gattgggtta	180
ttataccct	gcattgacag	acatctagga	gaaccacata	aattttaaag	agagtgggtcc	240
agtgtaatgc	ggtgtgtagc	agtctttgtt	ggtataaatc	atgccagtgc	taaagtggat	300
ttcgataaca	acatacagtt	gtctctcaca	ctggctgcac	tatccattgg	actgtgggtg	360
acttttgata	gatctagaag	tggttttggc	cttgagtag	gaattgcctt	cttggcaact	420
gtggctactc	aactgctagt	atataatggt	gtttaccaat	atacatctcc	agatttcttc	480
tatgttcggt	cttgggtacc	atgtatatatt	tttgctggag	gcataacaat	gggaaacatt	540
ggtcggacaa	ctggcaatgt	acgaatgtaa	agttatcgca	gaaaaaatcc	catcaggaat	600

gaagaaggca	aaaaatatct	tttgtacaga	aaagcaagat	gaaaaggatg	tgaaatggta	660
gatataccaa	caaaacttca	gactgtaaaa	ttgccaggat	gcagttttcc	ccttgattgg	720
ccgtgtgtgt	atatatggaa	taaatatata	tatacacaca	cacatattac	tgcaatcctg	780
tgattgcttc	atctgtaaat	cagttgtaaa	cctttacata	tttgacttaa	ataactgtaa	840
gatatatatg	tactacatta	aaaagtgttg	attaatagat	gaaattttta	aattaatttt	900
ttaaaacatg	ccatacattg	tatcacaaatg	ttaatgtgcc	aagatattgt	tcctgtcatg	960
cagagtataa	gaatgctttg	aacaattttgt	agacttagtg	aaataaaaata	agaggaaaagc	1020
caaaaacaaa	caaacaaaaa	gcatatgggg	agctggtatt	ttctcttttag	cttactgttg	1080
tgctttttta	tttttcta	cacagcagta	tgagttatga	gtgcccta	ttgtggtttag	1140
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ttctggtttc	aaacctgcgt	tactggagac	agcccaaaga	gtaattttct	gttttgacag	1260
gttttactgg	aagtatatgt	gatgagcaga	agaggttatc	agcattaaat	tgttttggtt	1320
ctaaattttg	aacagtatat	ataattaaaa	gtaaggaaca	ttagaggatt	taattagaat	1380
aaatacatgt	tttggaata	cagtgcacct	ttgcagtgct	acaaaagtgc	aaagtgatat	1440
tagctgtcat	ctgcaataca	gaatctcatt	gcttttgac	atggagcata	taggaaactc	1500
caaacagatc	acaatgaggg	tttctaaatc	tggtggggtt	ctgtcttctt	attgggggttc	1560
tgtgaaggca	aaccactgta	ggcttttagct	gggggttcagt	catatggact	tcgttgggtg	1620
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aacatattct	tagctaattt	tttccattag	ttttgaaat	tggtggcagt	tgtctgatcc	1860
acaagggcaa	gatcttctga	gtactctggg	gtgtgagtat	gtgtgcacac	gtgtgtgttg	1920
gagtgaagtga	gagaatgtgt	ctgtgcatgt	ggccatgctt	tcctagaatg	tcaagtagat	1980
atttttacac	tttgagtttt	aaagcaatta	ctatcagact	gagatcttgt	atgccaaact	2040
ttaatctgct	tttatgtttt	caggctgaag	gtgtgaaaat	cctaagagga	tttcatattg	2100
aatatgtgta	cacaatctta	actatcgtgg	tggaaaacat	actactataa	tttattatta	2160
tatcttccag	ataatgttat	tcatttagaa	caaataaggt	atatttttta	gaatcaactt	2220
tgtaagcact	ataaaatctt	taataagtta	taaggtctat	gatgtgttta	ctttaaaaaat	2280
tgctgtttaa	agcaacacgt	attaaatatg	taattatcat	ctgggttaag	agtctgtttt	2340
tcttctttgt	ggtaagtctt	agaatatggt	actgtggatt	aatctaata	aattaacata	2400
tgtggttgaa	gttaccaaga	aacgatgaaa	agaaactaaa	tatagttgac	ccttgaacaa	2460
caggagttag	gggcaccact	ccccaacata	gttgaaaatc	catgtataac	ttttgactcc	2520
tccaaaactt	aactactaat	agcctactct	tgatgggaag	ccttaccat	aagaaacagt	2580
tgatgaacac	atattgtgta	tggtatatgt	attatatact	gttttcttac	aatagtgtaa	2640
gctaaggaaa	agaaaatgtg	tttactcttc	attcagtggg	agtggaccat	cctaaaagtc	2700
ttcactcatg	ctatcttcat	gctgagtagt	aggctgagga	ggaggaggag	ggttgggtctt	2760
gctgttgccg	gggtggaaga	agatgtgcat	tattagtggg	cccacacagc	tgaaaaccat	2820
gctgttcaag	ggtcaactgt	gtgtggtatc	ggtgagactg	aatgattatc	gttgggtgttc	2880
ttaaatattt	ttcaggtcct	ctagaaaata	tgataattat	agcaaaaaat	atgattgttt	2940
tgaaattttg	ataaatatat	aaatgtatag	aacctattgt	tttcaatgat	agaaaatggg	3000
aaacattttt	taacattgct	agattggcag	tg			3032

<210> 3387

<211> 1217

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1210)...(0)

<223> similar to gi4886481 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3387
tttttttttt ttctaaatga agtgctttta attttcagac caaacatttt taatataaaa 60
acattttgat aatatacaaa cagcaatcac aacagcatcc acatggcagc aaggggacca 120
gggcacagag agggggagcg ggctggggag ggacagtttt caggggtccca gttgcttccc 180
tggttgaaa tcacctggt cctagcagag gacaggttaa ggctgccaga ggagaggggt 240
ccctgaccct ggcccggaga cagactgccc aggcaggccc tctgatacca tcttccaacc 300
atggcagcct ccaggaaaag ccagatccat ttaggagata acaggaaggt ggctgtgatt 360
gacaggaaaag gcaacatggt tcctcagcat cctgctgac acacctctgg gaggggctgc 420
tggattgaag aggacctaa aatcttctg ggagcaggac agaaatggga tctaagtcta 480
cctactaact aacattccc cctgtgacac cagaaagctg gactggagcc ttgacaggca 540
acaggaagag aaaggaatga caaagccttt ggctcagcag gactggagcc ttgacaggca 600
ctgaccaaga aagcctctag gtgggccagg gaggtctgtg ggaaagcttt ggatcaatgg 660
tactcaaggg tgacagtggt cacagtggcc ttagttagaa tttatgaaga cgaaaagaac 720
acaagtcaga atttagaact gaagtacctg cttcttatag gcctgtagag gaaaagcgag 780
atcatccttc tggccaggac taggggagac ccaaggcctg ttctttccta ggggctgagt 840
ttgacagacc tggattgcag ctgatggctc cmacagtcct ctagatgggc cctgcaggac 900
tcgctgggag gcctgggttc cctccccgg cgtgctggga cactctgggt tcctgcagtt 960
agatgcagtc catggagttc tcagggagga ggccagggat gcagccaggg agccccaagc 1020
ccttgatagg agtgagttg agtgggaggc cgcagcccag ggaggggtcc tgggtctcta 1080
tggcctccag cctgtccatg ttgttgctcc agttgatatg gaagcgggtc acccgggggt 1140
tcgaggccaa gatgttccgc tggagctggg agaaatctgg cttcatgggc gggttctcac 1200
gcagctcagc tcgtgcc 1217

```

```

<210> 3388
<211> 1273
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1273)...(430)
<223> similar to gil397235 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3388
tttttttttc atagttcata gtttattaca aatgcatatt atccaactca gtagaaatcc 60
atgtaccca gaatgtacag aaggtatgca atgttccaga gtgtcattgt cagctctgggt 120
tttatatata tattaaatat atacatat ttgagacagg tctcgctgtc acccaggctg 180
gagtgcagtg gcacaatctc agctcactgc aacctctgct tccagcctc aagagatcct 240
cccacctcat ccttctgagt agctgggact acatgcgcat gccaccacac ccagctatta 300
tttttatttc tttttgtaga gacaagggt cactatgttt ctcaggctgg tcttgaactc 360
ctgggtctcaa gtgaccttc tgccttggcc tcccaaagt ctggaattat aggcagtagc 420
cactgagcct ggcctgatta tctgtttttt gaatagtgc cctaagtgc ttttccagtt 480
ccagtaactt ttgataaaat ttttcagcag tgtcttcac taggtccatc ttctgggtca 540
taatataatt tcttccaaag ccagtgggtg cactcagata tttgatcaga ggattgagag 600
attcaggctt ttgggtgaaa agccatacca gagcttctgt tccattatat ggtgtcaaag 660
tgaatgcatt tgcaaaaaag cgaagtagca atattgccg catcaacagc gtccatataa 720

```

acggaggcag	aattccatat	gtcaaattgg	tcaatgctgt	acctggacag	gccacattgg	780
aatagagacc	ctgctgggtg	aagttcctgt	tcaaagccac	actcaaaagg	tcagtggcat	840
atttggaaga	gctgtagggt	tccttgcctt	tgctgtgctg	gaagtcctcg	aggctgaaat	900
tagatttcct	tgcattgcga	gatgatgtcc	agatgagctg	agatggattg	tcactgtgac	960
agaggagagg	ctccagttcc	cgaatcagga	taaaatggcc	aaagacattg	gtctcaaaca	1020
cctcctgaag	tccatcagca	gtgatcttat	cacctgggt	cagcaggcct	tcagcttgaa	1080
aagaggccaa	agaaaagtgc	tttgatattt	agttgtggat	taggcatgat	cccagcattt	1140
agatatatac	agtctaactc	ctgaaacctt	tgcttaagtt	ccttggaggc	ccggaagacc	1200
gactgcaggt	tgctgacatc	cacctggaca	atggtgacct	cagcagtggg	gtgagaggcc	1260
agcagagcag	cac					1273

<210> 3389

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (348)...(130)

<223> similar to gi1333929 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3389

ggcacgaggc	tcctcacctt	gggctggacg	gggttggcac	taacggggaa	ctttccccag	60
aacatggcca	agctccagga	tgggggtgat	gaggggaagga	aggccagtga	ggagaggagt	120
gaggaagagg	acagctgcga	gtcagggtgg	gagagcactt	ggaggggctg	agaggacatg	180
ggctgggagt	gaatgcatgt	gcacatacac	acacacacct	ctccagcata	tgtacacatg	240
cacacacaca	cctctccagc	atatgtacac	atgcacacac	acctctccag	catatgtaca	300
catgcacaca	cacacctctc	cagcatatgt	acacatgcac	acacac		346

<210> 3390

<211> 1118

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(1121)

<223> similar to gi3041847 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3390

ggcacgagga	caagttccgc	ggactggagc	tcagcagaca	atgtactaga	tggtgcctcg	60
------------	------------	------------	------------	------------	------------	----

ctcgtgcccc	aggggttcac	caaagtcaag	aggcgagtcc	gcattcccaa	caagcccaac	120
tacagcctta	acctctggag	catcatgaag	aactgcatcg	gccgggagct	ctccaggatc	180
cccatgccgg	tgaacttcaa	tgagcccctg	tccatgctcc	agcggctgac	agaggacctg	240
gagtaccacc	acctgctgga	caaggcagtg	cactgcacca	gctcagtgga	gcagatgtgc	300
ctggtggccg	ccttctctgt	gtcctcctac	tccaccacag	tgcaccgcat	cgccaagccc	360
ttcaaccccc	tgctggggga	gaccttcgag	ctggaccgcc	tcgacgacat	gggcttgcgc	420
tccctctgtg	agcaggtgag	ccaccacccc	ccctcagctg	cgactacgt	gttctccaag	480
catggctgga	gcctctggca	ggagatcacc	atctccagca	agttccgggg	aaaatacatc	540
tccatcatgc	cgctaggtgc	catccactta	gaattccagg	ccagtgggaa	tcactacgtg	600
tggaggaaga	gcacctcaac	tggtcacaac	atcatcgtgg	gcaagctctg	ggatcgacca	660
gtcaggggac	atcgagattg	tgaaccataa	gaccaatgac	cggtgcccagc	tgaagttcct	720
gccctacagc	tacttctcca	aagagggcag	cccgaaggt	gacaggggtg	gtgagtgaca	780
gccagggcaa	ggcccattac	gtgctgtccg	gctcgtggga	tgaacaaatg	gagtgtctca	840
aggtcatgca	tagcagtccc	agcagcccca	gctctgacgg	gaagcagaag	acagtgtacc	900
agaccctgtc	agccaagctg	ctgtgggaaga	agtaccgcgt	gccggagaac	gcggagaaca	960
tgtactactt	ctcagagctg	gccctgaccc	tcaacgagca	cgaggagggc	gtagcgccaa	1020
ccgacagccg	cctgcggccc	gaccagcggc	tgatggagaa	gggccgttgg	gacgaggcca	1080
ataccgagaa	gcagcggtcg	gaggagaagc	agcgcctg			1118

<210> 3391
 <211> 1769
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(616)
 <223> similar to gi4894362 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters -

<400> 3391						
aagcagagat	cagcacttaa	taggcattgc	atggtccaca	caggagagaa	accgtacaga	60
tgtgagcagt	gtggaaaagg	ctttattggt	aggctagatt	tttataagca	tcaggtggtc	120
cacacaggag	agaaaccata	taattgtaaa	gaatgtggga	agagcttcag	atggtcctca	180
tgctttttga	accatcagcg	agtccacagt	ggagaaaaaa	gcttcaaattg	tgaagaatgt	240
gggaagggat	tttatacaaa	ttcacaactg	tcttcccatc	agagatccca	cagtggtgaa	300
aagccatata	aatgtgagga	gtgtgggaag	ggctatgtta	ctaagtttaa	tcttgacttg	360
caccagaggg	tccacacggg	agagagacct	tataattgta	aggaatgtgg	ggaagaactt	420
tatccggggc	tcaagtattt	tgaatcataa	gagactccac	tgccagaaaa	aaccattcaa	480
atgtgaggac	tgtggaaaaga	ggcttgtaca	caggacatac	cgtaaagacc	agccgagaga	540
ctatagtggg	gaaaacccat	ccaaatgtga	ggattgtggg	agacgctaca	agaggcgctt	600
gaatctggat	atacttttat	cattatttct	aaatgacaca	taattgttca	tatttatggg	660
gtacaacgtg	ctatttttaat	gtgtgcatac	aatttatagt	gatccaatca	gtgtaattgg	720
tgtatctgtt	acctcaaaca	tttaccattt	ctttgtgttg	gaaaattcaa	aatccatttg	780
agaggagtgt	gtagacagca	agggaagggt	ccctggagac	ccccagccaa	aggggtcagt	840
gtctcatccc	cacataacac	aaaaagcagc	ctggggaaga	caatcaagct	acaggcactg	900
ataagggaac	tagcacaggg	gatttgtcct	ggagacatgc	ccatgcctgc	acagatagaa	960
gaacctccag	cccattcagg	taaaaactcg	cacaaacctc	cggctcactc	agttaaggga	1020
acaagaccag	acacagaaat	gcctttgtcc	tttgataaat	cagcaggctc	cgaggaaaaa	1080
gtttcttctt	ttgtgggcat	gaacacagtg	ggcttcagta	ggttcagggt	ggcactttct	1140

gcaaaatcgg	ctcctacctc	agtgctagca	ccagacacag	ggtccttacc	tctgccttca	1320
gccgagccac	tagggaccgc	tttgaccggt	cccgggttgc	gggtgtcctg	ggcttttgctg	1380
ccaccacaa	cctctactca	atgaacgact	gtgccagaa	gatcctgcct	gtgctctgcg	1440
gtctcactgt	agatcctgag	aaatccgtgc	gagaccaggc	cttcaaggcc	attcggagct	1500
tcctgtccaa	attggagtct	gtgtcggagg	acccgaccca	gctggaggaa	gtggagaagg	1560
atgtccatgc	agcctccagc	cctggcatgg	gaggagccgc	agctagctgg	gcaggctggg	1620
ccgtgaccgg	ggtctcctca	ctcacctcca	agctgatccg	ttcgacacca	accactgccc	1680
caacagaaac	caacattccc	caaagaccca	cgctgaagg	agttcctgcc	ccagccccc	1740
ccctgttcc	tgccaccctt	acaacctcag	gccactggga	gacgcaggag	gaggacaagg	1800
acacagcaga	ggacagcagc	actgctgaca	gatgggacga	cgaagactgg	ggcagcctgg	1860
agcaggaggc	cgagtctgtg	ctggcccagc	aggacgactg	gagcaccggg	ggccaagtga	1920
gccgtgctag	tcagctcagc	aactccgacc	acaaatcctc	caaatcccca	gagtccgact	1980
ggagcagctg	ggaagctgag	ggctcctggg	aacagggtcg	gcaggagcca	agctcccagg	2040
agccacctcc	tgacgggtaca	cgcttgccca	gcgagtataa	ctggggtggc	ccagagtcca	2100
gcgacaaggg	cgacccttcc	gctaccctgt	ctgcacgtcc	cagcaccag	ccgaggccag	2160
actcttgagg	tgaggacaac	tgggagggcc	tcgagactga	cagtcgacag	gtcaaggctg	2220
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ggaaggtggc	caagggcccc	atgaagctgg	gagcccggaa	gctggactga	accgtggcgg	2340
tggcccttcc	cggctgcgga	gagcccgcgc	cacagatgta	tttattgtac	aaaccatgtg	2400
agcccggccg	gccagaccag	gccatctcac	gtgtacataa	tcagagccac	aataaattct	2460
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cgccctgcgc	agcccgcgcc	cacgtcagac	gtgaacatca	atttgcttcg	aaagccaagg	2580
gtaaagaggg	acgatctgat	ttatcagttt	ctagggaaac	accctttggg	aggggaaggca	2640
ggcagcgccc	gccggnagga	cctttacaac	cggcccgcta	acctggggag	gggggcccgt	2700
agggcgcttc	gggtctcaag	gcgcctggga	gggtctagcg	gcctgaagg	tcctttggtc	2760
cgagccacag	tcg					2773

```
<210> 3393
<211> 2108
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (459)...(1694)
<223> similar to gi3043548 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3393						
tttcgtcgggt	tgcactcttc	ctatagccca	gagggcgaga	gggcctgtgg	cctgggggaa		60
ggaggacgag	gttctgcctg	gatcccagca	gtaggacgct	gtgccatttg	ggaacaaagg		120
aatagtctgc	ctggaatccc	tgcagatctt	ggggccggag	gccagtccaa	cccttgagac		180
aggaagaaac	gcaaagtgtg	caagaaccaa	gtcgagctgc	ctcagagccg	gcccgcagta		240
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cctaaactga caatgaattg gttatacatc atgcataagc taccctttta tattagttta 2040
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aaaaaaaaa 2108

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<210> 3394
<211> 1137
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1134)...(427)
<223> similar to gi3882211 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gaaaacacaa tcctttgctt ttcagagaaa agactgaatt tacactggta ctggttagaaa 180
ttcttataat taggctagac gtctatttta gagaaagtta gggcttttgc tgttgcttgt 240
atgttttgaa aaatacatc ccctggggct agccaacatc actgtcctga gaccagacc 300
ttcaggaggt ctcttgataa aggtctgtcc gcacatgggt caggaaaagt cggggtcagc 360
tccatcatgt ccgaggactg catgggttca gtgttgccca tcaactgcgc aacggcttct 420
gccaccatc tctttctgga atacagacag attttgggtg aaacctgtct ctgttcttga 480
cggacaggtt ctgctccact ccttccatta ggtttctgaa gcaactggga aggacctct 540
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```

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acatgagtac	aggaggctct	aagttgatga	tgaagctcat	atggctcctga	gtgagacatt	960
ccaggagtgg	ataataagac	tggctcagtt	tccggtattg	tagcaagtca	ctgtgggaca	1020
ctgacagcag	cattttgaca	aaagcctgga	gtacattgtc	aaaatggttg	tccccataca	1080
acttgaagac	gccaaagctg	acataatttc	cacacaaggc	agacttgagc	tcgtgcc	1137

<210> 3395

<211> 2457

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (51)...(1573)

<223> similar to gi530823 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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ccaagaatcg	cgtgggcccc	caggtgccac	tcagcgagcc	aggtttccgc	cgtcgggagt	180
cgcaggagga	gccgcgggcc	gtgctggctc	agaagataga	gaaggagacg	caaatcctca	240
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tcaagcagct	gaaccagcgg	aaaaaggggg	agaagaaggg	caagaaggcg	ccagcagagg	360
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<210> 3396

<211> 3398

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3399)...(700)

<223> similar to gi2252820 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3396

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ccgatgatct	tctcctcaaa	gacgggcagg	acggcctcgt	cctctcgaac	ctcctcaaac	780
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<210> 3397

<211> 1372

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1373)...(13)

<223> similar to gi3341990 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3397

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<210> 3398
<211> 6305
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6306)...(269)
<223> similar to gil504030 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 3399
<211> 2290
<212> DNA
<213> Homo sapiens

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<221> misc_feature
<222> (1)...(2291)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2284)...(430)
<223> similar to gi29865 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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tcatgtagat aactttacat ttctttcaat aactttattc tttacaaaat atacaaataa 180

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<210> 3400
 <211> 5221
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (5222)...(2576)
 <223> similar to gi3043712 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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aattgtgacg ctcgTTTTcc atttcttcaa ttcgacatgt tataggaatc tgcccttctt 4980
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gacgaacatt ttcatattcc acccatggcc tttttgcttc aagcatctca attaaatcta 5100
aatgtcgctt cgtttcatag aacctctcca catcttgttt atatctttca ttctctgaa 5160
ccattttctg tagatactca gttttctctt tgcattgaggt ctcgagctgt ttttctttct 5220
c
5221

```

```

<210> 3401
<211> 309
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (253)...(11)
<223> similar to gi4567174 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3401
ctcgaggcct agtcgagcag ggatggctcg gctgggcgga taatgggtggg ccggctgggc 60
gcagcagggg gtcttctggg cactcctggg ggaatccctg ggggatccg aactggccga 120
gatgggatct gaggcggggc tgggaagagg tcaactgttg caaacacgct ctggggtcca 180
ggcacgggat gggattgtgg gcgccccaaa agaggctttt gtcgccacgc tgacaagaat 240
ctgggggggc cccagacggg cccaagatct ctttgggtgct gtactagcaa aaatctacta 300
ttccttccg
309

```

<210> 3402
 <211> 3542
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3543)...(1622)
 <223> similar to gil469888 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3402

cgatataaag	gccatcttat	ttctttctccc	actttttgtg	ggtgacttct	tggatatccgg	60
ggctttttcag	tgacagcccg	ggcgacaggc	caggctgagc	ctgtggctcc	agggtcctaaa	120
gagaaaggag	ggcagaaata	agagaagatg	gcctttattg	cagcacgaac	ttgaggggga	180
ctgcatgtcc	cacagctctc	cagggagctg	ccaaaggcaa	cgggcccgc	ctgcccctgc	240
aacaggccct	ccaggggctt	agagcatggc	tcccctcagg	aagggtaacg	cgtgcttgta	300
aacaagggcc	cagacaacac	agagaggaga	ggcagcatca	tcatgtgcag	ctttgctaca	360
agaaagatag	ttcttaattt	caaagaggag	acaccgctac	acctagccct	gccctcccat	420
gcactggaag	gctctggaag	tagctctcgc	ctgcctgggc	agttagggtcc	acccactgcc	480
cgtgagctgg	gcccaggcac	actgcagcca	cacaaaaacg	ctggcagctg	actcctaatt	540
tcagaaacac	aattagaaaa	gaactggaat	tttacatttt	tctcccatac	attaaaaaat	600
aagaaaaagc	caacattttg	actgtagacc	ctggtaggtg	gcatctgact	ttaacctgaa	660
gttctcattg	gaatcctttt	ctgtctggcg	ctccaccgcc	cacaatcagc	cccagcccca	720
ggatccttcg	gcaaggggcg	cctggggcg	gggctcattg	gaatcctttt	ctgtctggcg	780
ctccaccgcc	cacaatcagc	cccagcccca	ggcgcccctt	gccgaaggat	cctgggccat	840
ctcacacaag	ggcgggaccc	cgtggagtgc	ccggcgagca	gggcaaccac	tgggaagaca	900
gatactgatt	tccctgttgg	ggtctgtgac	cctcagcaaa	cgaaaaggaa	acggtaacaa	960
gacggtggcc	tcctgccagg	acctcagcag	gaggtttgct	ggtgaagggt	ctgggtgagc	1020
tggaatgggt	gataaggcgg	gcttgctggg	tgggtggcctc	aggctgttcc	tgggcccctg	1080
tcgcatagag	ccctgtgggt	gcagtgtggg	gccccacagc	cgtcccgggg	tcgtcctgat	1140
gcataagagc	agagaccccg	gaagagaaac	ccgcctgccc	cgtgtgatac	agggctccca	1200
aacgcttccc	ggtggaaccc	tgctcccag	gacacctgt	ctcgctccac	ggaacccttc	1260
ccccagcacc	ccctggaaac	acagcagcca	ggaacaaatt	ctccatgcc	ggaacgaagc	1320
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tggggtggtg	ctcagccctg	gggacaccat	cactgtcctg	ctctgaccca	caggtgagag	1440
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cgttgaagaa	ggtgggggtg	tacctgcagg	ctcgctcaca	gtcgggggtg	aagttcacct	1740
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ggtcgacggc	atacatggcc	cgggatgagg	ggtagtcgca	gaggcccagg	ggtggtggct	1860
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tccagggaaa	ttctgggtat	tgcttctcaa	actcggggat	gaactcttca	cagtgcacct	1980
gcttcagcac	cacatccggg	tcatagttca	tgaccgtgaa	agtgtctctc	gtaagtcatc	2040
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cgaacaaccg	taggggcctc	actgaccgca	gcagcacgat	gtagcggatg	tcgaacttga	2160
cctttcccac	gtcttctcga	aggaacaaca	cgggactttc	gatgtacttg	gacacaacct	2220
tgggggtgct	ctctcggtgc	cggatgatgc	tgtgcaggct	cttgggtgacg	tgggtgtcca	2280

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ggctgcgcgc caggttccag ggcttgcaga tccagtgggt gtcctcgccc cacctttccc 2340
gctgctggaa gtagctgaca aactggggca gctcagtgcg caggttgaag gttcggggca 2400
gccaggggtg gccctcgggg ccacctgccc gggcgcgcg tggaggccag gcagtccttg 2460
acagtcagca ggttctcgca ggggaactgg ttcagcagca cgcttggcct ctctggctg 2520
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cgcacctccc gggtgcctc gtccctctcc tcttctacct cctccacttg catgatccca 3360
aacacttccc cagcgtcgaa aacctcgtgc tccagcttgt gcaggaggcg gccccagtaa 3420
cgttcgggga cccccgaagc gcgcagcgcc gggccgtgca gcgcccgaa ctcggccaa 3480
gcctgcgcgc cctcctccgg cgtctggccc gggctgctac gctccgcagg ccggcgctcg 3540
gg 3542

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<210> 3403

<211> 1750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1751)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1752)...(1407)

<223> similar to gi3925215 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3403

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aaagatcgaa cccaattct attctattct gacataatgc tcataatgct cctaaaggaa 60
aaaagtaaaa ttgtttatth ttctcccaag caaaacaaaa tgaacaagtt caatcaaaaa 120
catcccaatg gaaaaaaatc acactaagaa taaaacactt acagaacggc aagaaaactg 180
ggttaacata taaattttgt tctgttgaaa ccagagtaca tgctagaaaa cattaacaca 240
gatacgacag agtgtggttt ttttttagaa atgggtaatt tctctctcca gtatcctttc 300
acttgtatga gatattttct ctctcctgtt ttcacaaacc aagaaatccc caggtaggcc 360
aatcccagag gtgccattta gcagtatgca gcagcccagt ttcagcataa caaaacatgc 420
cttggtagtg gctctctcat gcaaataaaa gaaagcttaa gaaattcttg ttgtaggtgg 480
attaggcaag gctgccattc agctgggtata agctaaaagt aaaaaatcaa aacgctcaag 540
aaaacggaca caatttttga atgattaaag atgtctttat aaagtttttt tcaagacttc 600

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attctaaata	cacagaataa	aaaatggtgt	cagctcactt	gtaagacacc	aaccagattt	660
tccttatact	gtctcaaaat	ttaaagatca	atltccccag	agggtgtgca	atgcatcata	720
aaatggccct	tttttgagga	tgggagagga	agggttgggc	aggatggaat	attaaattgt	780
aacatgataa	acatgcaaga	ctgttatcca	atctagataa	tttatataca	ttttgatgac	840
ttaggaaaac	aaagcaatca	tttgtgacaa	gcctaaaaag	cttgacatat	ttaacatact	900
taggaacttt	ttttgtgcgg	tgggaattct	ctaattgtat	catgtgggcc	ttttgaaagt	960
aacaaacaga	aggccagtct	gttgcaagtt	tgctgctgaa	catcacattc	caccctaaga	1020
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tgtcagtgca	aagtatggac	taaactgctt	tcaggaaaaa	agttgtaaaa	attgatacag	1140
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ccactccaat	ttctgcagtt	taaaactttc	tctacttatt	tagttttctc	ctctgagttc	1260
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tgtccacta	tgtgcttgct	gaatgttatt	ataacaaaaa	ttttctggat	atgcattttt	1560
attattgctt	ttccaattag	gttgcaccaa	gaggccaac	caatcaacaa	ncaagngttt	1620
tgaccccatg	aaatgtgtcc	acacgttatt	ccagccagat	caaataaagg	atttggcaat	1680
tgaagcacag	gccaaaattc	caaaaaatcc	aactttctgt	actagttttt	gaactgccag	1740
tttggcccg						1750

<210> 3404

<211> 2487

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2488)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2488)...(186)

<223> similar to gi36122 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3404

tttttttttt	ttactatcta	caaaaattta	ttatatattt	acagaagaaa	agcatgcata	60
tcattaaaca	aataaaatac	tttttatcac	aacacagtac	atatttgtca	tttttaaaaa	120
gccacacaat	agaaacaaga	caccaagata	tttaattatc	ttgttgactc	ctgtaaaata	180
gctaaacact	catcatcgc	ggtgcaatac	tcatagacat	aagttcctga	aacaatagtt	240
tgcattgcgt	aggcattcgc	accaaagaaa	tctgggtttt	attgcggcag	cccctgcatt	300
catatgtatg	ggtcctggtg	ttggcaatcg	ccattattcc	acaaagattg	caaacatgaa	360
cctgatatgg	atctgatgcc	tcaaacaatc	tttcccttaa	aaactgggct	gctccatggg	420
caatctgaca	atctcgttcc	atlttctcaa	aacgcaggcc	accatcacga	gatctaccct	480
ccatgggctg	tctattgagg	atctgaatag	gtcccctagc	acgagagtga	atcttatcat	540
ccaccatatg	cttcaaacgc	tggtaataag	tggggccaat	aaatatlttg	gatgtgattt	600
ttcgaccagt	gaaccatttg	tacaggacct	catttctctc	gagatgatag	ccataatcag	660
ataaaagatt	agaaatcttc	tgcacgttaa	cagcatcatt	aaatggagtg	gcacaccaa	720

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tttcaccctt gttagccgat accttccctt gaaggcattc aattaagtga ccaatagtca 780
tacgagaggg gatggcatgg ggattgatga tgatatcagg ggtgatacct tcacagggtga 840
aaggcatatc ctcttgtcta tactgaatac cacaagtacc cttttggacc atgtcgaact 900
agcaaatgtt ctcccaatct gtgggaaccc ctaacagagc gtaccocctta ttttaacaaa 960
atttaatatc ccttccctgg attgaagagt tacccataac ctgatccac aatgcccgtc 1020
tcaactagtt ctgagaaaag tgctacagtc tcttcttggg atagcgggtct attggtgctc 1080
tcccaaatc atcttcattt tccaggcaag gtgactgttt tgcctataat aacatcatct 1140
cctgatacca cgaacccccct gggagctatc aaaaccnatc atcatccagc ttgtcgtaaa 1200
tgccatgcgc gtcttgcctt ggcatgggtc acgtgtaggc ttctcaaaaa cttcttcttg 1260
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accaaggatc attgagggat gaatctcaca gtgtgtatat gtggaacaat aagctacttc 1680
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aagtgggtcta caaatacggc ctgcatccgt atagatccga atctccctct ctgcaatata 1920
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caacgtatta tgcaactgtc ttggttttgc tagcttgccg tctctacca taggagaatt 2280
taaacgacgc aggtgagaaa gagtagacgc aaaagtcagg cgggtttaaca cctgagatac 2340
tccagctctg gcttgatgag ctttcttttg atcaccccag tttccagtag ctaaaagagta 2400
ttttaggcca tcagatatga tccgtgtttt aattgccaac tccaagttaa aatcctttcc 2460
tcgatcaata aatttctgtg catagat 2487

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<210> 3405
<211> 1333
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(960)
<223> similar to gi2506078 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3405
aagcttggca cgagggtctt gtcagcagcc cggccattgg agcatatctt tctgccagtt 60
acggagacag cctcgtttgt ctggtggcca cagtgggtggc tcttctggac atctgcttca 120
tcttagtggc tgttccagaa tctctgcctg agaaaatgag accggtttcc tggggagctc 180
agatttcttg gaaacaagca gaccttttg cgtcgttgaa gaaagttgga aaagattcta 240
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ttcaagtttt ttttctctat ctacgggcag gtcatagggt ttgggatctg ttaaaattgc 360
agcattcata gctatggtag gaattctgtc tattgtggct cagacggcct ttcttagcat 420

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cttgatgaga tcattaggaa ataagaatac tgtcctcctt ggcttgggct tccagatgct 480
ccagtttagcc tgggtacggtt ttggatcaca ggcctggatg atgtgggcag cagggaccgt 540
ggctgccatg tccagcatca cgtttccggc aatcagtgcc ctggtctctc ggaatgcaga 600
gtcagatcag caaggagttg cccaggggat cataactgga ataagaggac tatgcaatgg 660
cctggggcca gcaactgtatg gcttcatatt ctacatgttc catgtggaac tgactgagtt 720
gggcccga aa ttgaattcta acaacgttcc cctgcaggga gctgtcatcc caggcccgcc 780
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tcccggttaa tccttaaaac cagaaaaaa ttggaaaaa ttctttgcaa aaagggggca 1260
actcccaggg ggaacctcaa ataaaaaaag cattcttttg tgaaaaaagg agggcttcct 1320
tgaaaggaca aaa 1333

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<210> 3406
<211> 2127
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(1455)
<223> similar to gi5006265 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3406
tgctcattgg ggcccagggtg ctctctgggca tcggtgctac ccctgtgcag cccctgggcg 60
tctctacat cgacgaccac gtgcggagga aggactcctc gctctatata ggaatcctgt 120
tcacgatgct ggtatattgga ccagcctgcg ggtttatcct gggctctttc tgtacaaaaa 180
tctacgtgga tgcggtcttc attgacacaa gtaacctgga catcactccg gacgaccccc 240
gctggatcgg agcctgggtg ggtggctttc tgctctgcgg tgccttactc ttcttctctt 300
ccctcttgat gtttggggtt ccacagtccc tgcccccgca ctacagacccc gccatggaaa 360
gcgagcaggc catgctctcc gaaagagaat acgagagacc caagcccagc aacgggggtcc 420
tgaggcaccc cctggagcca gacagcagtg cctcctgttt ccagcagctg agagtgatcc 480
cgaaggtcac caagcacctg ctctcaaacc ctgtgttcac ctgcatcatc ctggccgcct 540
gcatggagat tgcagtggtg gctggcttcg ctgccttttt ggggaagtac ctggagcagc 600
agtttaacct caccacctct tctgccaacc agctgcttgg gatgactgcg atcccgtgtg 660
cttgtctggg tatcttctcg ggaggtcttt tggatgaaga gctcagcctg tctgccttgg 720
gggccattcg gatggccatg ctgctcaacc tgggtgccac tgcttgctac gtctccttcc 780
tcttctctgg ctgcgacact ggccctgtgg ctggggttac tgttccctat ggaaacagca 840
cagcacctgg ctacgcccct gacccctact cgccctgcaa taataactgt gaatgcaaaa 900
ccgattcctt cactccagtg tgtggggcag atggcatcac ctacctgtct gcctgctttg 960
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tcatcctcat caggacagtc agccctgaac tcaagtctta cgctttggga gttctttttc 1200
tctccttctg tttgttgggc ttcacccctc caccctcat cttcggggct ggcacagact 1260

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ccacctgcct gttctggagc acgttctgtg gggagcaagg cgcttgcgtc ctctacgaca 1320
atgtgggtcta ccgatacctg tatgtcagca tcgccatcgc gctcaaatacc ttcgccttca 1380
tcctgtacac caccacgtgg cagtgcctga ggaaaaacta taaacgctac atcaaaaacc 1440
acgagggcgcg gctgagcacc agcacagagt accaagacat tgagactgag aaaacctgcc 1500
ccgaatcaca ttcaccttca gaagactcct ttgtgagaag ctgagggcct ggccctcttc 1560
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tttgaggccc caagcgcagg cctgtgatga ggaccaaaga ggtgacttat ggtcaggagt 1740
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ggtgtgcaaa ttccttcca cccatccctc tacctcctct ggggatggct tgccgacatg 1860
ctttagaac tcccctcttg ggaatgtccc tctgactgag ggctccaaca gctttaatga 1920
aatcagccga gagggtaaaa accaacctgt tgcattgaat ggagggggga aaaagcacat 1980
actcaataga tttttgagtg tggtagctctg tatttttgca gcgtttatgt tccaaatgag 2040
cagtttagaa atatgtgatg taaagtacat actgtacgtt tgctgaaaat tatattaaaa 2100
gcactatgtt aattcttaaa aaaaaaa 2127

```

```

<210> 3407
<211> 1859
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1860)...(794)
<223> similar to gi5262712 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3407
aagtctcatg gtgattgatc ttctgtctgcg tgggggtgtat ggttggttaat ctttctctct 60
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attacaaaca ccaatatgat tttattcaaa cacaggcaag aacaatgacc ttcagagctg 180
ggtaaaaata ataagttaaa agcatgggta gaattttaga caatcagata aaaagtttga 240
aggaagtgat tcccccttcc tctcctaatt gattaattca acacagcata aaaataatgt 300
gtatctataa aatatccttg tccccacaca aatgaactgg aggtggccct aggatttct 360
tgactatggc acaatgcaca caatctacat gtccctcctc cccaactttt aaggcaaaaa 420
tggtcctgca tcttcagggc agaggggtggg ctcatgccag cagtcagctg tgtcaaggac 480
actggggggc gtttctccac cgaaagatgc ctgcttgggt cccacttggg cgcggaattcc 540
atthttatthc tagcctttgc ctccaccag aaaaaaggag ctgaaattct ggcaagtgga 600
cactggactg gtttggggca ctctccagt ctgggctgac cgggtctctt gaggcattcc 660
tggcctaggc aagtgggtgg ttccaggactg tgacagccct gaaggagcca gacctggtgc 720
ctcctgcaag ctggacaaag ctgacggagg gtgggcaggt gtctccttcc cccagcccc 780
tcaggctgcg tcagtcttthc tgggagtact gagaagaaaa tatcctgca atcctgagag 840
tttcttctctc aggcaggttg agggggagcg agttaggtct ggggcgacaa ggcctttggg 900
agagagctcc cctggtggct tcgtcttctg cctgatctgt tgtggctgct ggtggcaaaag 960
ttgctgagag tgaaagcatc cgcagggaag cctccaactg ctggggaggc aaaaaaaagt 1020
tgggcaccac aatgggcccct gggagcagga ggctctgctt tgtggacgtc tctgatccag 1080
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ctgtctgtgg tgagctccat ccaacaaacg tgctgctctg ttgagctcct gagagtgttg 1320

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ggcatgggat gggctgaggg ttggctgagg cagactcgcc accaaccctg gccttagagg 1380
cctcacactc acaagcaaca agactttggc taggagaacc ctgcctaggc aggtgggggt 1440
tgacagccct ttctgggctg gagagaaagc tacttttgac cataagctcc tctctgcaga 1500
aaggccctgg agaaggacaa gaggggcctt ccctctgcac ctcgtcaggc tgagggctga 1560
tgacctcact tgtgtctgat atgacactag accaagggct agttttgtct gtcaccgtgg 1620
tgatctcatt taaggtcctg ggctcaatga tgtcttcttc atagtcctca tctactgtagg 1680
ctggcgccct cctcagtgtc ttcactgctc tgcacccctt taatgggtac tgcacgcctc 1740
agggactcat ggagcattct tcctccattt gaagtctctt cgagaggagg ggggtgatggg 1800
gaatctgtgc ctttatctgg agctcttacc aatggctcat ctggcattgt gcatcgttc 1859

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<210> 3408
<211> 2578
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1951)
<223> similar to gi3334741 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3408
atggcgggcag gcctgggccac gtggctgcct tttgctcggg cagcagcagt gggctggctg 60
cccctggccc agcaaccctt gccccgggca cgggggggtga aggcacctcg aggagatgag 120
gttctggtgg tgaacgtgag cggacggcgc tttgagactt ggaagaatac gctggaccgc 180
taccagaca ccttgctggg cagctcggag aaggaattct tctacgatgc tgactcaggc 240
gagtacttct tcgatcgcg cctgacatg ttccgccatg tgctgaactt ctaccgaacg 300
gggcggtgc attgcccacg gcaggagtgc atccaggcct tcgacgaaga gctggctttc 360
tacggcctgg ttcccgagct agtcgggtgac tgctgccttg aagagtatcg ggaccgaaag 420
aaggagaatg ccgagcgctt ggcagaggat gaggaggcag agcaggccgg ggacggccca 480
gccctgccag caggcagctc cctgcggcag cggctctggc gggccttcga gaatccacac 540
acgagcaccg cagccctcgt tttctactat gtgaccggct tcttcategc cgtgtcggtc 600
atcgccaatg tgggtggagac catcccatgc cgcggctctg cagcaggtc ctcaaggag 660
cagccctgtg gcgaacgctt cccacaggcc tttttctgca tggacacagc ctgtgtactc 720
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cggagtgtca tgagcctcat cgacgtgggt gccatcctgc cctactacat tgggcttttg 840
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cgcatcttca agttctccag gcactcacag ggcttgagga ttctgggcta cacactcaag 960
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gctgacaagc gccgagcaca gcagaagggt cgcttgcaa ggatccgatt ggcaaagagt 1320
ggtaccacca atgccttctt gcagtacaag cagaatgggg gccttgagga cagcggcagt 1380
ggcgaggaac aggtgtttt tgtcaggaac cgttctgcct ttgaacagca acatcaccac 1440
ttgctgcact gtctagagaa gacaacgtgc catgagttca cagatgagct caccttcagt 1500
gaagccctgg gagccgtctc gccgggtggc cgcaccagcc gtagcacctc tgtgtcttcc 1560
cagccagtgg gacccggaag cctgctgtct tcttgctgcc ctgcagggc caagcgccgc 1620
gccatccgcc ttgccaactc cactgcctca gtcagccgtg gcaggcatgc aggagctgga 1680

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catgctggca	gggcttgccg	aggagccatg	cccccttcaga	gccgctccag	ccttcaatgc	1740
caagccccat	gacagccttg	acctgaactg	cgacagcggg	ggacttcgtg	gctgccatta	1800
tcagcatccc	taccctcct	gccaacaccc	cagatgagag	ccaaccttcc	tcccctggcg	1860
gcggtggcag	ggccggcagc	accctcagga	actccagcct	gggtacccct	tgctcttcc	1920
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tcatTTTTTg	gaactccttt	ccaaagccat	atttttgga	ggcagagagg	ggcaggcttg	2040
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atagtgggga	agtagccagg	aaatgagaaa	cttcctccca	ccccagacat	tttctctggt	2160
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caaagctttg	atccgacatc	tgagctctag	cctaagaagg	agagttgaga	tttctcctc	2340
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gaatgcaaac	acaggccttca	tggggctgtg	gccttctggc	aggcgacctg	ccatccccag	2520
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<210> 3409
<211> 1380
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1298)...(766)
<223> similar to gi424102 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3409						
gcatgtgggtc	tgtgtgtggg	gtggagggtt	gggggtgttg	gcaagtctca	caggtgagga	60
cccaacgagg	gaatcagaca	aaaagtggcc	acaaattagg	cagctccagg	aaggacatgt	120
ccttgccata	gtaagatgtt	ctgctcacgc	gtatccacga	gaaagccccg	catttcacgg	180
ggagcataga	aacaggagtc	cccaactctg	ctcaccagct	cctccggctg	ctgccatctg	240
ctcctgcagc	atggcgccct	gggaagcctg	cactgggtgat	tttctgccac	tcaagttttg	300
cagacttcgg	gaagatggat	gcatagcctg	gggcaatgac	agtcacaggc	ccgccttgct	360
acaagggtccc	tggagcgggc	aatgccttga	gcccacaggc	tgggagcaca	aagccatctt	420
cagccatcct	cgatttccag	caagacccca	gggctcaccc	aacagcccga	cactccatac	480
tacaaggtgg	gttaattttt	taaaagactc	tgcagaaata	taccaactac	agagctcagg	540
aaagcaactg	atttataaaa	cccaatccaa	gttgtttgct	tttatagcat	tagagacatg	600
tctgaagaac	ttcaagtttt	tatctataga	aacataatta	gtttaataaa	ttactaggtc	660
tattttgaat	atctaaattg	agtactttta	ttagacctaa	gtggaacttt	atctgaatct	720
gaattttcca	agggggccagt	gtagagtgc	acaggtgtcc	gaggccacct	ttccatcttc	780
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taattctttc	tattttttaa	ctcattggct	ttggaggagc	tgaattgtta	gatgacgatc	960
tttgtcccca	ggaagagtgg	ccactctgga	ttcttgtggc	cagcgtattt	gggtattgtc	1020
tcttcatcag	ctgacagagg	tgaatttttt	ccaaaagcag	gttccaatgc	cagagtgtgc	1080
gattcttgcc	ccgcgtgtgg	ggacgctgca	gatttcttcc	tggctttcca	ccgctgcagc	1140
tgcagagctc	tcagcttttc	tcggagctcc	atgttctgct	ccctcaaagc	atctatatga	1200
ctccggagtt	ttccatgaac	atcagccac	agagacttct	gtctcccaag	ctcttggtgg	1260
agtctgatga	tctgctgctg	taatggctgg	tccccaacag	tcactactgc	caggatcaga	1320

tcattctgggc catgtcccca cagttgtccc caagccctcc tgccatcatat cctcgtgcc 1380

<210> 3410

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(625)

<223> similar to gi4314286 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3410

gcacgagcgg	cgcctcacgc	tgcattaccg	ccagaatggt	gcccagaagt	cctgggactt	60
catgaagacg	catgacagcg	tgaccgttct	cttattcaac	tcttctcgga	ggagcctggt	120
gttggtgaag	cagttccggc	cagctgtgta	tcggggtgag	gtggagcgcc	gcttcccagg	180
gtccctagca	gctgtagacc	aggacggggc	tcgggagcta	cagccagccc	tgcccggctc	240
agcgggggtg	acagttgagc	tgtgtgccgg	cctcgtggac	cagcctgggc	tctcgttgga	300
ggaagtggct	tgcaaggagg	cttgggagga	gtgtggctac	cacttggccc	cctctgatct	360
gcgcccggtc	gccacatact	ggtctggagt	gggactgact	ggctccagac	agaccatggt	420
ctacacagag	gtgacagatg	cccagcgtag	cgggccaggt	gggggcctgg	tggaggaggg	480
tgagctcatt	gaggtggtgc	acctgcccct	ggaaggcgcc	caggcctttg	cagacgaccc	540
ggacatcccc	aagaccctcg	gcgtcatctt	tggtgtctca	tggttctctca	gccaggtggc	600
ccccaacctt	ggatctccag	tggagactcc	agggttctag	acagaggcca	gtcttggcca	660
ctcaccccac	accccgcgga	ccccaataaa	ggcttgcata	gctccaaaaa	aaaaa	715

<210> 3411

<211> 6388

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(5874)

<223> similar to gi5689555 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3411

cttccccctg	ttaccatgtc	agggaaatat	ataatggaag	aacatgatag	ttattcggat	60
caggtgtgga	gtatagatga	actgccttct	aaacaagggt	actatttaca	gggaaattat	120
ctgcgttgtg	tggcagaagt	tggttccttt	gaacataatc	ttacaactga	tcttctaaac	180
cacttggtat	ttgtacagaa	agtgttcagt	aaggaagtta	atgaagtaat	acaaaaagtt	240

tctgggtggg	agcagcctat	tcctctctg	aacgaacatg	atggaacagc	agatggagat	300
aaacctaaaa	ttctctctta	ttccctaaac	ttgcagttca	agggtattca	agtaacggcc	360
actactccat	caatgagagc	tgtaagattt	gaaactggat	tgattgaact	ggaactttct	420
aaccgacttc	aaaccaaagc	ttcaccagga	agtagcagct	atctgaaact	gtttggcaaa	480
tgccagggtg	attttaaact	ggcattagga	caaattgtca	aacatcaggt	ttatgaggaa	540
gctggttctg	attttcatca	agttgcctat	tttaaaacca	gaattggatt	aagaaatgcc	600
ctccgagaag	aaatcagtg	ttcttcagat	agggaagctg	tgcttattac	tttgaataga	660
ccaattgttt	atgcacagcc	tgtggccttt	gatagagctg	tgctgttttg	gctgaattat	720
aagggccgcc	tatgacaact	ggaatgaaca	acgaatggct	ttacataagg	atattcatat	780
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caacttgaag	caattaaacg	ttcaaataaa	tatgagtaat	gtaatgggaa	atacaacttg	4140
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cctagaaaaa	agttcacaa	aacaattact	tgatgcagca	catcatcgac	actggcctgg	4740
agtattgaag	gtggtatcag	gatgccacat	atccttattt	cagattccat	taccagaaga	4800
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tattgtacaa	acactagatt	ttcacctggg	tcataatact	atgggtacca	aacctatgtg	5040
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accccatgga	gtagcaagtg	tgaagaatg	gttcaattat	gttacagcta	caaggaatga	5160
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gaattctagt	ttgttgagtg	gattcagagg	aggttctagc	tacaaccatg	aaacagagac	5280
tatctttgca	ttaccaagga	tgcagcttga	ctttaaatcc	attcatgttc	aagaaccaca	5340
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gttcactgac	cacatttggtg	tgactatgga	tgctgagctc	atcatgtttc	ttcatgattt	5460
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tcgaccagga	caaaaaagtc	caattattat	acatgacgac	aattcctctg	ataaagatag	5580
agaagatagc	atcacttata	ctactgtgga	ctggagagat	tttatgtgca	atacatggca	5640
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tgattatatt	cttcaaaaat	tgggctttca	tcattgctagg	actactattc	ctaaatggct	5760
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tgttattgga	ttggccgtaa	cttttagaaa	aaaatcttgt	tgatgataat	gtgatttttg	6240
ggaggtcatt	aattgctttt	tcttttttaa	atgtagactt	atataaatac	ctgtttgtat	6300
atagcttgag	taattgtgat	atgattgtat	accactaaaa	tattgttaac	tattataata	6360
aagtcacagt	aatggtttaa	aaaaaaaa				6388

<210> 3412
 <211> 1862
 <212> DNA
 <213> Homo sapiens

<220>

```

<221> misc_feature
<222> (5)...(234)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3412
tttcgtgcaa cctccacctc ctgggctcaa acaattctcc tgcctcagct tcccgtgtag      60
ctgggactac aggtgtgcac cactacgctg ggctaatttt tgtatttttt ggtagagatg      120
gggtttcgcc atggttagcca ggctgctctt gaactcctga cctcaagtga tccacccgcc      180
tcagcctccc aaagtgctag gattacagat gtgagacacc gtgccagacc tcatatattt      240
tttgatgaaa gtctgctgag gatgaattct gtccactttt attatctgaa aacatcttta      300
ttttgcctca ttttaaatag tatttagatt ggggtgtagac ttctatatattg ccaattagtt      360
tcttttagca ctgtaaatac agatgtccag tattttcaga ttcagttatt tcagctgaaa      420
agctagctga aagtcttggt gctcctctga aggtaatatg acttttttca aaaaatacat      480
ttataaaatt ttttttcttt gccttgatag ttgtactaca aggggtgcctg gatgagactt      540
tctctgaatt tgtcttgctt ggggttcata gaatctgtga cttgatgtct ttcagagatt      600
ttgaaaaatg ctagccttta tctcttaaat attgctatta ctctactccc tcttctcttt      660
cagatatttc agttacacca atggccaatg tttgctcatg tctcatatgt ctcttggtct      720
agtttctgga tttgtattct tttttccttt tcacattcag tctggatatt ttctgctgac      780
ctatattcca gttcactaat aatgcttttc actgtatcta atttgcttat aaatagaaaa      840
ccattgattg agttattaat ttcagttata gaatagccag tgtagactcc aatgcttggc      900
tccacttctc cactttttcg cctatttttt tcaccatctt ccattttctt caacacacca      960
gtcagagtca tttttaaaaga cattttaaac acctcagtggt cctgtagatc ttatcttctg     1020
ttttttgttt ctttttaatc ttagtttttt ggcacacttg gagggttttg attgaatgct     1080
agacatagta ttcaggaagg cagagaggat ttttttttaa gtcagatttt ttgaggtata     1140
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tcctttggcc catggtttat ttaaaattgt gttctttttac ttccaaatta tttgggattt     1260
ttctagatat ctttctgttc ttgatttctg gcttacctct atcaggggtca gagaacaaac     1320
ttaatatgat ttcaattatt ttaaatttgc caatgtttat tttatggccc agaatatggt     1380
ctatgttggt gaaagttcaa tttgaacttg aaaagaatat gttttatgct gttgtctact     1440
gaaaagtcta tatataaaaa atagattaat aaactgatta atagcctggt tcaccacttt     1500
cgtagcctta ctgattttct ggtagtcat tctgttgatt actaacagat tctctaacag     1560
agaagtataa gctttctaac tataatggtg ggttaatctg tttctcgttt cagttctagc     1620
agatgtttcc tcaatttttg acgttgcat tttaggtgaa tgcacttctg gaattgtatt     1680
gtgtccttgc tgaattgtcc cttttatcaa catgtaatag caccctttat tcttgataat     1740
agtctttggt ctgaatttta ctttgtctgt tattcctata gcctttccaa ttttctttcg     1800
cttggaatttt acgcgataag ttttttcccc cattttactt tttagcaact ttatattttt     1860
ta

```

```

<210> 3413
<211> 1832
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1204)
<223> similar to gi498725 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3413
attcatacag gagagaaccc ctatgaatgc catgaatgtg ggaaagcctt cagtcggaaa      60
taccagctta ttacacacca gagaactcat gcaggagaga agccttatga atgcaccgac      120
tgtggaaagg cttttggttt aaagtcacag cttattatac accagagaac tcatacaggg      180
gagaaaccat ttgaatgtag tgagtgtcag aaagccttta atacaaagtc aaacctgatt      240
gtacatcaga gaactcatatc aggagagaaa ccctatagtt gtaatgaatg tggaaaagcc      300
tttacgttca aatcacagct cattgtacat aaaggagtgc aactggagt aaaaccctat      360
ggatgcagtc aatgtgcaaa aacctttagt ttgaagtccc agctcattgt acatcagaga      420
agtcacacag gagtaaaacc atatggatgc agtgagtgtg ggaaagcctt caggagcaag      480
tcatacctta ttatacatat gagaactcat acaggagaga aaccacatga gtgcagggaa      540
tgcgggaaat cctttagttt caattcacaa ctatttgtgc atcagagaat tcacacagga      600
gaaaatccct atgaatgcag tgaatgtggg aaagccttta ataggaaaga ccagctcatt      660
tcacatcagc gaactcatgc aggggaaaaag ccttatgggt gcagtgaatg tgggaaagct      720
tttagcagca agtcatacct aattatacac atgagaactc attcaggtga aaaaccatat      780
gaatgtaatg aatgtgggaa agccttcatt tggaaatcac tactcattgt acatgagcga      840
actcatgcag gggtaacccc ttattaaatg cagtcaatgt gagaaatcct tcagtgggga      900
aattacgcct tctttgttac accagagaat gcacacaaca gagaaacat atgaatgcag      960
tgagtgtgga aaagccttca ttaggaattc tcaactcatt gtacatcaaa gaactcattc     1020
aggagagaaa ccctatgggt gcaatgaatg tgggaaaacc ttctctcaaa aatcaattct     1080
cagtcacatc cagagaacac atacaggaga gaagccttgt aagtgcactg aatgtgggaa     1140
agccttttgt tggaaagtcac agctcattat gcatcagaga actcatgtag atgacaaaca     1200
ttgataatth tacgaaactc tgaagagtgg attcacaaga gatagaaaca atcatatata     1260
aagagaaaact ctgtaagtgg aatcatcttg tcatcttcca gaaaactcat actgaaataga     1320
aactttatga atgcacagca tatggaaagg catccacaga aagctgttct ttacatgcaa     1380
aaagatagta gacaatacac aggaaaactg aatttagtaa ccaactctgaa aatttttagc     1440
agcaagtcat accttttttt aaaaaagttc atacaggtga ggaacatgt taaacgttgt     1500
aaagtcattt tactaacata agattcaca agaggaaact tcatgaacca gatgaatata     1560
gaatagactt ctttgaaatt catagtgtac agaattttta tgagagaaat tattgagcta     1620
atgaatggca gaattaacaa aattacaaac attttatgta tcggaagcat atacctgga     1680
gggaccatgc tatgagggaa agtgtaaaatc tagaaatgag aaacccttag ggaaaaata     1740
tatataggag tgaacatctt atgaatgtac caaataaacc acagctggac tgttaacctc     1800
accttagaag cttcattcta aaaaaaaaaa aa                                     1832

```

```

<210> 3414
<211> 2072
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (268)...(1720)
<223> similar to gi4768275 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3414
tttagtgcag tatcctgaat ttagattcac acagagtttt aaatagtttt atttaaaaat      60
tggtggaggg aaaccataaa tttgaataat ggagtctctt aaattcagtc tgaattggac     120

```


tgcttgcat	ggtctgtcag	gtgataacta	aatttccctt	tcagttggtc	ctgttgaaac	180
ggaaccataa	aatgactgtg	atattactta	tccaacataa	gaaggaaatc	agcattttat	240
ttacatttta	tccctgtttc	aatacacaaa	agcaactcca	aagtgaattg	tttgagattt	300
aaggtttgct	taactcttcc	caaccctttg	gcttttagat	ttgcttgga	cggtagaaga	360
aatccttcca	agcctctcag	aaaatatcag	tgtttggggg	atgaaagatt	ctgttccaca	420
aggtgtaatt	tactcaaaag	aaaaactgag	cacctcacct	gatgagcccg	tgccacgcag	480
ccaccatggt	gtctcactcc	tcaagtctac	ttgtctttac	atttttacct	ctggaacaac	540
aggtctacca	aaagcagctg	tgattagtca	gctgcagggt	ttaaggggtt	ctgctgtcct	600
gtgggctttt	ggttgactg	ctcatgacat	tgtttatata	acccttcctc	tgtatcatag	660
ttcagcagct	atcctgggaa	tttctggatg	tgttgagttg	ggtgccactt	gtgtgttaaa	720
gaagaaat	tcagcaagcc	agttttggag	tgactgcaag	aagtatgatg	tgactgtgtt	780
tcagtata	ggagaacttt	gtcgctacct	ttgcaaaca	tctaagagag	aaggagaaaa	840
ggatcataag	gtgcgttttg	caattggaaa	tgccatacgg	agtgatgtat	ggagagaatt	900
tttagacaga	tttggaata	taaagggtgtg	tgaactttat	gcagctaccg	aatcaagcat	960
atctttcatg	aactacactg	ggagaattgg	agcaattggg	agaacaaatt	tgttttaca	1020
acttctttcc	acttttgact	taataaagta	tgactttcag	aaagatgaac	ccatgagaaa	1080
tgagcagggt	tgggtgattc	atgtgaaaaa	aggagaacct	ggacttctca	tttctcgagt	1140
gaatgcaaaa	aatcccttct	ttggctatgc	tgggccttat	aagcacacaa	aagacaaatt	1200
gctttgtgat	gtttttaaga	aggagatgt	ttacctta	actggagact	taatagtcca	1260
ggatcaggac	aatttccttt	atttttggga	ccgtactgga	gacactttca	gatggaaaagg	1320
agaaaatgtc	gcaaccactg	aggttgctga	tgttattgga	atgttggatt	tcatacgggga	1380
agcaaacgtc	tatggtgtgg	ctatatccag	gttatgaagg	aagagcagga	atggcttcta	1440
ttattttaaa	accaaataca	tcttttagatt	tgggaaaaag	tttatgaaca	agttgtaaca	1500
tttctaccag	cttatgcttg	gtccacgatt	tttaagaatt	caggaaaaaa	tggaagcaac	1560
aggaacattc	aaactattga	agcatcagtt	ggtggaagat	ggattttaatc	cactgaaaaat	1620
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tcatatgctt	tcttaggaag	agtgaagagg	gggtatatga	ttctttatga	aatgggggaaa	1800
gggagcta	attaattatg	catgtactat	atttccttaa	tatgagagat	aattttttta	1860
ttgcataaga	attttaattt	cttttaattg	atataaacat	tagttgatta	ttctttttat	1920
ctatttgag	attcagtgca	taactaagta	ttttccttaa	tactaaagat	tttaaataat	1980
aaatagtggc	tagcgggttg	gacaatcact	aaaaatgtac	tttctaataa	gtaaaatttc	2040
taattttgaa	taaaagatta	aattttactg	aa			2072

<210> 3415
 <211> 2199
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2200)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(1485)
 <223> similar to gi5732237 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3415
atgcgaggct tcgggccagg cttgacggcc aggcgtctcc tcccgtgctg gttgcccccg 60
cggccgcccc ggccccggct ggcgagcggg caggcgcccg gcgccctgga gcgggccatg 120
gacgagctgc tgcgccgcgc ggtgccgccg acgccggcct acgagctgct cgagaagaca 180
ccggcgcccc ccgaggggtca gtgcgcggac ttcgtgagct tctacggttg gctggccgag 240
acggcccagc gggccgaact gctgggccgc ctggcgccgg gcttcggcgt ggaccacggc 300
caggtggcgg agcagagcgc cggcgtgctc catctgcgcc agcagcagcg ggagtcggcg 360
gtgctgctgc aggccgaggt ccggtgcgc tacgcgctgg tgccgcgcta tcgcggcctc 420
ttccaccaca tcagcaagct ggacggcggc gtgcgcttcc tggcgcagct gcggggccgac 480
ctgctggagg cgcaggccct caagctggtg gaggggcccg acgtccggga aatgaatggg 540
gtgctgaaaag gaatgctctc agaatggttt tcctccgggt tcctgaacct agaacggggt 600
acctggcatt caccgtgtga agtgcttcag aaaatcagtg aggtgaggc tgtgcatcct 660
gtaaaaaact ggatggacat gaagcgcgcg gtttgggccc tacagaaggt gttacttctt 720
ttctcactgt tcgacccctg gggagccctt ggtcgttttg cacgtggcac tgactgggtg 780
catctccagc aacatccagg caatcgtgaa ggaacatcct ccatcagaaa cagaagagaa 840
gaacaaaatc actgctgcga tcttttattc catcagcttg acccagcagg gactccaagg 900
ggtggagctg ggaacattcc tcaataaagc gagtcgtcaa ggagttgcag agagagtttc 960
ctcaccttgg ggtgttttca agtctgtcac ctatacctgg tttcaccaaa tggcttcttg 1020
ggcttctgaa ctgcgaaacg aaggagcatg ggaggaatga actctttaca gattcggaat 1080
gtaaggaaat ctcgagatc acagggtggc ccattaacga gacctcaag ctctcctca 1140
gcagcagcga gtgggtgcag tcggagaagc tgggtgcggc gctgcagact ccgctgatga 1200
ggctgtgcgc ctggtacctg tatggagaga agcaccgcgg ctacgcgctg aaccccgctg 1260
ccaacttcca cctgcagaac ggggcggtgc tgtggcgcat caactggatg gcggatgtga 1320
gcctcagagg catcacccggc tcctgcggcc tgatggccaa ctaccgctac ttctggagg 1380
agacgggccc caacagcacc tcctacctcg gctccaagat catcaaagcc tctgagcagg 1440
tcctcagcct agtggcccag tttcaaaaga acagcaagct ctgacagtaa acctctccta 1500
aagcacaggg ccccggtctaa gaaaacgatc attttcagga ggggccggga gttatgtatc 1560
tgaagcagct ttccaagcaa agccaaagtt gactgtgttc ttgtcccga gccgggtccac 1620
actgtgaggc caggcctcaa ctccctcac cctgggcgtg acatgcaccc agtgcaagac 1680
ggttgtgggg tgcgggtgca cacaaatgag tgggttgctg tgctgtctcc ggaagattct 1740
gtcgttgccc ttggccctgg ctccctgccc ggggctggtg ctgtggtacc tacatcttca 1800
ggaagctgtg cagcctctgc cattgccaat ccaggggga atctggcatc ctctcttaag 1860
gacccggggc gcgtgtgccc cagataagaa taggtgtacc ctttgtgctc ataaacaag 1920
aatgccggcg aatgggttgc ttttaaccng tttctacccc ttgcaattgc agagggacaa 1980
aggcgtgtgc ctacacttcc ccagttacat tctgaagcct cataaatgta tgagaaaggt 2040
ttgtgaattt tgcacaaggt gtgtgtagta agttaaatg ttgaacacaa aaatgttgct 2100
gcttgaggca taagttggat aataggcttt aaatgatcag ggattcagggt tcataatgaa 2160
cttcacagta aagaacacgt ttgttctgta aaaaaaaaa 2199

```

<210> 3416

<211> 6926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(5403)

<223> similar to gi559330 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400>	3416					
cgccgagtgcc	gacttgcagc	tggcccagat	caaagtcaac	ctggggccggg	ccgtgcagct	60
ccaagagctg	tggcccgggg	gcctcttctg	gaccaggaaa	ctctccacat	atattcgact	120
ttatgggaga	aaatttagca	aagaagatca	tgttcttttt	attaagttat	tgtatgagct	180
ggtatcaatt	ccaaaactgg	aaatcagcat	gatgcaggga	tttgcccgcc	ttttgatcaa	240
cttggttaaag	aaaaaggaac	ttctttcaag	agctgatttg	gagttaccct	ggagaccact	300
ttatgacatg	gtagaaagaa	tatttatattc	caagacagag	cacctaggat	taaattgggt	360
tcctaattct	gtagaaaata	ttctcaaaac	actcgtgaaa	agctgccgac	catattttcc	420
agcagatgcc	accgctgaga	tgctagaaga	atggcgacct	ttaatgtgcc	cttttgatgt	480
aaccatgcaa	aaggccatca	cttattttga	aatatcttct	cctacctccc	ttcctccaga	540
acttcatcat	aaaggtttta	aactttgggt	tgatgaatta	attggccttt	gggtttcagt	600
gcaaaatctc	ccacaatggg	aggggcaact	agtaaactctc	tttgctcgat	tggctacaga	660
taatataggg	tacatagatt	gggatccata	tgtaccaaag	atatttacia	gaattctgag	720
aagcttgaac	ctcccagtg	gaagcagtca	agtgttagtc	ccaagatttt	taacaaatgc	780
gggaggatat	aggacatgcc	gtaatatgga	tcaccgccat	gatgggtgga	ccaagtaagc	840
tagtgcaaaa	acacttagct	ggtttggtta	acagcatcac	atgtttttac	catccttcaa	900
ataatgggcy	ctggctgaac	aagataatga	aactacttca	tcggttgcca	aacagtgttg	960
ttagaagatt	gcatccgtga	aagatacaag	aagccctctt	ggataactcc	tgtgcctgat	1020
agccacaagc	ttactgatca	agatgttaca	gactttgtac	catgcattat	tcagcctggc	1080
ctcttggtta	tttttaacaa	aaaccggtag	tgctagaagc	aatccaggct	ttgcagaatc	1140
ttgcactcat	gagacctgaa	ttggtaatac	cccctgtact	tgaaagaaca	tatcctgcat	1200
tagagacatt	aacagaacct	caccagctca	cagctacttt	aagttgtgta	attggagtag	1260
cccgcagttt	ggtatcagga	ggcagatggt	ttcctgaagg	tcctacacat	atgctacctc	1320
tgttgatgag	agcattgcct	ggggtggatc	caaagtactt	tagtaaatgc	atgatcacat	1380
tcagttcat	agcaacattt	tctactctgg	tgcccttagt	agattgttca	tctgtactac	1440
aagaaagaaa	tgacctcaca	gaagtggaac	gagaactttg	ttcagccaca	gctgaatttg	1500
aggatttcgt	cttacagttt	atggacagat	gttttggtact	tatagaaagt	agcacatttg	1560
agcaaaacaag	agaagagaca	gaaactgaga	aaatgacaca	cttggagagt	ttggtcgaat	1620
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tggcccttca	gaaggttttt	aatttttcta	cttcacatat	atttgaaaca	agagtagcag	1740
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taaatgatga	agagctagac	aaggaattac	tatggaatct	tcaacttttg	tctgagatta	1920
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gaaccctaca	tttaacctgt	aagcagggtt	acactctgtc	ttgtaacctt	ttgcatcatc	2040
ttctccgttc	taccacactt	atctacccta	cagaatactg	cagtgtgcca	gggtggctttg	2100
acaagcctcc	ttctgaatac	tttctatca	aggactgggg	caaaccgggg	gacttgtgga	2160
atctgggaat	ccagtggcat	gttcttctct	cagaagaagt	gtcttttgcc	ttttatcttt	2220
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aaatgtctag	agatgatatt	ctacagagtc	tgactatagt	gcacaactgt	ttaattggct	2340
ctggaaacct	cctacctccg	ttgaaaggag	agccagttac	taacttagta	ccaagtatgg	2400
tgtccttgga	agagacaaaag	ttgtatactg	gacttgaata	tgatctgtct	cgagagaacc	2460
accgagaagt	aattgctaca	gttataagga	aacttcttaa	ccacatactt	gataattcag	2520
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<210> 3417
 <211> 3786
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (3787)...(1585)
 <223> similar to gi2460117 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3417

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gctggtctca	aaatcctgac	ctcaggtgat	ccaccacact	ctgcctccca	aagtgttggg	360
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agaactttca	taatatgaca	gatctctaaa	aataaatggc	tcttttaagg	cagcatgcca	540
tcaaaaaaaaa	gtacctctaa	tgggattcta	attatttagg	ttaaactttt	cctcatattt	600
tattttcaca	tggaaatccta	aaaggttcgc	cccgataagg	cagaacatct	taggttgtag	660
aaaattatac	atggtatctt	tactgggaat	attagctgtg	ccacttatta	gctgtgacct	720
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<210> 3418
<211> 2783
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(1436)
<223> similar to gil503988 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gggaaactgg aattggaaaa tcaacactga ttgacacatt gtttaatact aattttgaag 360
actatgaatc ctcacatttt tgcccaaatg ttaaacttaa agctcagaca tatgaactcc 420

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acatatattt	actaaaaaaaa	aaa				2783

<210> 3419

<211> 838

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(839)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (40)...(465)
 <223> similar to gi780367 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3419

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cccctataag	aaggggtgct	ggtgttcgct	ctgcacagcc	agtgtctcag	gctgcttcaa	180
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gcctggagac	caccaacgag	gtgattgaca	gtgacttcga	gaccaggaac	ttctggatcg	660
gtgagtgcc	agctgattgg	gggtatggcg	agtaaggggt	tgtgatgccc	cacctgctg	720
caggaacct	gggccatggc	ggctgccagc	agatggcaag	ggtgtgttga	gggcctggag	780
cccagagcgg	ngccagctgc	tcaccccctt	tcccggngag	ggcccaggta	gggagcac	838

<210> 3420

<211> 1345

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1348)...(216)

<223> similar to gi3283350 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3420

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tgtccacaga	gagcaaaaat	cactttacgt	actcatgatg	ggctttaata	tttctttaca	180
ctatacatac	tgaaaatggt	tacatttact	aataaggaat	gccaagcgt	atccatcacc	240
atttgaatag	cttgcagggg	atttgtgatt	tcttccatgt	tatctcttct	caaaacccaa	300
tctggcttaa	gtcttgaaac	tattctggct	cttacagggt	tttctgggat	aaaaggaatg	360
cttatagaag	aattcttctt	ttgcttgtaa	agtattcttt	cagtattcat	tttatgttta	420
tgagctgtaa	gtttgtagag	actgtaaata	cggtaacaa	ctttggacct	acttcgtaca	480
tcagaggctc	tatttgttgt	cttcagtaaa	atagccaaca	aacaacaagt	ttttgtaaaa	540
atgcttccgc	ctttgtctgc	aactttatta	ccaggctttt	ctcggtatat	ctgcaaaagc	600
tccaatagta	tatctataca	atcttctaca	tcataaaactg	ctgaagtagt	tttctcatac	660
ttagatacat	taagcaagac	ttgcacagca	tatctgatga	cttccataca	aggaatactg	720
cgattacaac	ttcggatcaa	aacaaatatt	ttagaaattg	ctccactctg	ggccatgttc	780
tcacaacaaa	gtggagacaa	tctagtaact	acctctaggt	gttttaaggc	ctcaagaatg	840
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09400725-012100


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ttgttttctt ctcgaatctc cctattaaca acttgaagac ttagtcgtat agctttaatt 960
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attccactag tgaatttttc ctgcttttta cggaggagaa aatggcgcac tgctttctgt 1080
attactgatg cagccctatt tgcgtggctc agacattctt gaccttcatg ctcaatcttt 1140
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tgaatacaga tgactgaatt aacctgcttg ttagcattct tcacagccag gtaaagttaa 1260
taggctcttt gaattctaac agcattcagg tgataatatg cagctgcagt gaagtgaaga 1320
agtcgaattt tggctctctg ttcta 1345

```

```

<210> 3421
<211> 790
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (98)...(449)
<223> similar to gi3875371 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3421
cgactacaga aacgctatgt attagaggaa gctgagcaac tggagcctcg agttaatgct 60
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ttggaaagag tgccatcacc tgatcaccgc cggagaagct accgagactt ggacaagccc 180
cgctcgtctc ccacactgcg ctacaggagg agtaggagcc ggtctcccag aaggcggagt 240
cgatctccca aaaggagaag cccctccctt cgccgagaaa ggcatcggag caagagtcca 300
agacgtcacc gcagcaggtc ccgagatcgg cggcacagat cccgttccaa gtccccaggt 360
catcaccgta gtcacagaca caggagccac tcaaagtctc ccgaaaggtc taagaagagc 420
cacaagaaga gccggagagg gaatgagtaa tggactcagt ttggTTTTtag tccacatggc 480
ctcctgtgga tataaggata tctgtatgtg gaaggattaa gatctcccc aggcagctat 540
aagaatatTT tagTTTTTTT cttatcaagt ttctcaacct ttatTTTTtaa tgaaggaggt 600
gctgagTTTT gtatctTTTT aatcataatc aacatcagtt tttgacccaa ctaaccttga 660
ctgtattcaa acttatgaga gtataaagga tctggagggt ggggatatga ctgacaagga 720
aaggctgtgg ccacctgatg accctttccc tttttattaa accggacaca cctgtttccc 780
aaaaaaaaaa 790

```

```

<210> 3422
<211> 6730
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(5954)
<223> similar to gi3327062 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3422
gaaacatgtc attaagtttc ttaaattgacg aagaggccag gaagatcctt cagggtgctgg 60
aaaggaatga ggagttacag agggccgaga aggacaggat cagcaaaactt cagaagacaa 120
agagggatat cagatggctt cagggagtgat ctggtgaatg gtttgaagaa attcaaagaa 180
aaaagttttg caatgaaaca gatgttagcc aaatgttaaa acaaccactt acatacaggc 240
taagtaagga gatggcaaaa aatgatccga tagaattacc tacatcaaga tctaaaaatg 300
taactaatca aaaaaagccg acaccttttt cttcccggat gagcttcaga tcgtcatttg 360
cttcctgtgt ctcatcagg aaatctggaa aggagacttc aaagcttcca tcaactgggac 420
agaaaggatg tgatggccat gcaggacctc ctatgcctgt gaggggagct gctgtgcagg 480
caaaaatata caattcacct ctggaaaatc atctagttag cagtacattt gtcccaaagc 540
cagcagtcac gagggaggag agtggcatgc ctccaccgtg ggatgcttca ctgctggaga 600
atgagttttt ccaagtttta gatgacttgg atagcaaatt ggctcaggaa cagtctgcaa 660
gctcagtga taccagaaca cccctcaact atggatcaag aacacagttc ggctactttt 720
attccagtgg taacagacat ggtaatatca cagaaaggca caaaaaaacac tataatgaaa 780
cttccaatat gtctatctat gacatcctaa gaccaggaac tcctagggaa ggttttaaaa 840
ccttttctcc taggacaagc acaatttatg atatgtatag gacaaggag cccagagtct 900
ttaaagaaga ttatgtgcaa aagaatactt ttggcagtag ttcgctgtgt tttgacagca 960
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ccaggggttt tcaggagaat aagagatatg aatcgtacca ttcacagaat gtttaccac 1260
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atcaaagcaa ttccaaagtt tctgaacttg acacaattta ttgtaccttg ccaagaaaat 3060
caagcagttt tctcatacat ggcaggcagt caggaagtaa aataatggct gcttcattga 3120

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cagactcagc	cctggaagca	cctgaagcca	cagagagaat	gacaaatgta	aaaagcagtg	3300
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cctcagggga	gccacatgcc	tcaactggaa	gagaaggaa	aaaaaagcca	ttgacctcag	3420
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attgacaatg	ccctgagtcg	actgaccctt	gggaatgaat	tctctgtcaa	caatgggtac	5520
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gcttcttccg	gtccacaccc	tatactcatg	acattaaata	aaaggtaggg	atgataacag	6420
tggggtaaat	attatcatcc	tgtttgactc	atgaacattt	aggaagttaa	aggtgggtgat	6480
cttctctttc	aaacaaagat	aaaggaattt	atTTTTtaac	ctgagaaact	gattgcaaaa	6540

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aggaaaaaaa aaagataaag gaatttttga agtacttcct gttatatccg taggggagcc 6600
tgggaggcac atgggtcaaag cacatgttga gggttatagat taggacctga atccctagta 6660
agccaataga aggttagcag tcctagaaat tcctctgaaa ccgtggggga ctggctggat 6720
tattaagggc                                     6730

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<210> 3423
<211> 1902
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1762)...(764)
<223> similar to gi854326 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3423
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ctgaatccca aaacaaagga aaagggaggg ggagaggtga aggggtcagc tagggtaaag 120
gagtgaagaa ggctcagatt acccctgccca ttctgccagg gcagaaggga tcagagtctg 180
ccccaaactga agcaagaaga aaggtggtca gacttcagga aagacttcct gggagtcagc 240
cgggtgcacga ctggttaaggg aagcaggagg gagcagatcc ctgcatgacc ctgggagaag 300
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atatgattgt ttagatgttt ggtgttcatt accatagggt cctgggacag gcaggttttt 420
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cctctccagg ttcttcaata tcagtgtagg agcagggtctg ggggtagccc ccccccgtgt 540
agagagctca tgtgcttggg agaaggaggat cccatagggg aggcagactg ctgtgcatca 600
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tctgcacta tcagcaagag ggagccattg tagacagtgg aagaggcttc tgggactgct 1260
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aggctcctgc tcatggggcc actggcacat gccactctg ggttcccccg ctccatgtcc 1440
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caggtagcatg acaagatggc tgcggacgcg tgggcggacg cgtgggtcga ccgggattcc 1800
gggaggacta cacgtcaagg tggctcttga gattctagta ctagatgcga taagtagatt 1860
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<210> 3424
 <211> 2416
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2410)...(454)
 <223> similar to gi4755188 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3424

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ggtgccctcc	cccactgatc	tggaatgata	tacactgcta	gtgaagagga	gggatggcaa	180
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<211> 4730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(4141)

<223> similar to gi5689571 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3425

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<211> 5113
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (5114)...(1526)
 <223> similar to gi5689403 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 3427

<211> 5195

<212> DNA

<213> Homo sapiens

<220>

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<222> (2)...(3795)

<223> similar to gi3327166 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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agtggatgtc	taaaaccaca	gataataaca	aaccttatac	atactgtttt	ttcctatgca	5100
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<210> 3428

<211> 2892

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (326)...(2892)

<223> similar to gi4322670 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3428

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ggttgatatc	aacctagtac	ggtgccatgc	tttgaagctg	gactcttttg	gccagtttat	240
tgaattatta	cccagcctag	agttttatttc	actggatcag	atgttttcgtg	aaccacccaa	300
gggttggtgct	cgagttggtc	tgagtgcagg	cacaggaatt	ggtgtttcat	cagctcttgt	360
tagcaaccag	aactccaaca	atgacgataa	taatgcccg	aataacaatg	ccaacatcca	420

cgacaacaat	caccatcatc	cagatgactc	agacgaggag	aatgactttc	ggcaagatct	480
gcagccagga	gagcagcagt	ttgcagctga	cgcattaaat	gagatggaag	acatcgcca	540
agaagatgga	gaggtggtgg	ccgagagtgg	aaataatact	ccagctcaca	gccaggcaat	600
tattcctgtg	gatgttgatg	aggaacaagc	aggaccaggt	ggtcttcagc	gtgtagtaaa	660
accaacctca	attactgttc	atgattcaga	gagtgatgat	gaagaagata	gtctagaact	720
ccaagaagtc	tggattccta	agaacggtac	tccggttac	tctgaacgtg	aagaaaaaac	780
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ctgtgagaaa	ggctgtcagg	tcaccagtga	gcagatcaaa	gccgatatga	aagcagctag	960
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ccatttttaa	ggaagacaga	taatttgaaa	aacttttggt	ttttcttgac	ttaattcatg	2760
aaagtatcat	tttttgactg	agtctccatt	tacttcattc	ttaaattgat	taattgtcca	2820
tcccttttaa	atcctgtgcc	tttttcttcc	tggagcgacg	ggttttgagt	agacctggtt	2880
gaagagtga	aa					2892

<210> 3429

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1067)...(216)

<223> similar to gi5915916 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3429
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aaaggctccc ctcagttcac aaaggtagct ggcaggatgt tagctttgcg ctcagcttca      180
atgcagtact tttcggaaaag gccaggggct ctcagctttt caagcttttt cctcttgatc      240
tcatcgatgc gctcacggcg tttctgggcc tcctctttga ggcgcgggcc ctccctcaaag      300
gtggcaatcc ggttctgcac ttcttctgc tggttctcgc gcacctggcg ccggagctca      360
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tgttctctct gagcccgaag aatcctctcg aactcatccc ggtcccgttg cacctgaaca      480
gccagagcgt gctccttgaa agccacctgt tcgagccgac tttttcgcag ctcagcctct      540
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gccagcttct cctgagccag gagttctgct ttctgtttct ggttttcatc attgatgcgc      840
ttaatctcag cttgcatctt cagtttttgt tgctgccttc gttccatgtc ctttagatct      900
tcctcttgga gctgttccat atattccagc atctgctcct tctcctgctc ccgctgctca      960
gcaagcagcg atcgctcctc ctggttcttt tccatctggt ccacaatttg ccgccttcct     1020
ctaattcttt cctccctcct ctccctctcc agttcccgga cgcgtggg      1068

```

```

<210> 3430
<211> 2388
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2389)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1677)...(857)
<223> similar to gi4218005 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3430
cgactttttt tttttcacac ttgaatgctg ttactattta ttgacatcaa aacgaaacaa      60
gctgagacta aaagtgtgcta tttaacagga atagacactg gtgcagtttc cttcctggag      120
agggtatgca ctcagatcat gagacctaaag atcaaacaca ctggattgtc aaagagtcaa      180
acaaggacta caattttaac ctcttaata gaaaagatgc tgatgacaaa acacgaagtt      240
taaaaatatt ctttacgcta agctcatata agcaaacaaa aaactaaaac taatcctaaa      300
actttaggac actggataca gaagtaacat aactatttaa atttttgtat caacgaaagt      360
gtgttctatc cttcactgta cctgtactac aaggacatgc ttgttgcttc tacactaccc      420
aatgtcaaca cttatcatca acaatacaat agaattagat cggaacaagg cttcaaagcg      480
actctgctcc acccaaattc agaaaattca attcaggatg aacaacagct tttgatttta      540

```

```

gaaccagctc ttacttttct ctcgtgtcat atgtgatgaa gtcctcactt gacaattccc 600
cctgcaaatt gcaatgcatg tccttgccgt cacttttttc tgacacttta aaattaattt 660
gtagaaattg caaaagcaat gaaattgtac ttccaattct gaacctctga tcagattcct 720
gctttgacac aagacttact cctctgcagt gtaccccacc agcacagcgg ctccctttct 780
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cttcatggct acgtcccccg ctgaagcggc ttggccggaa cgggggttacc ccgggcacaa 2340
acgacgaaat cgtcgacccg gtnnaacggc ccagtactnn ngaggtca 2388

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```

<210> 3431
<211> 3239
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (3240)...(270)
<223> similar to gi5817132 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3431
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gtcgggtccc ataaaggagc agaacctgac ccagagcctg cagtacattt ccaccccaca 120
ggggtgcagg ctgggccagg cagggccaaa ggcagcagaa atgggagtaa gagactgtgc 180
ccactgagaa gctctgctgg gttgtgggca ggtgggcatg agatgatgat gatgtagtgt 240
aaggaccagg taggcaaaac ctgttcagggt cttgttgagt gtccagagtg gatccagaag 300
gctgaggggg tcgtcagagg gccgggtggc ccgcagccct tgcccgttat gggcctgcag 360

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aaagttatgc	ttgctcatcc	gctgtttgcc	ccgcagggag	ctgtccaggg	agaaggcctc	420
tgggggtcaag	gaggccagca	attccagggg	ggaggagggg	ggccccgagc	tgggggcttc	480
aggcactggc	ggctcctcct	taggctgggg	agcctcaggt	agtggggagg	aaaggggggg	540
tggggaggaa	gatgggattg	gggtagactc	tgggaggctg	gctggcgggg	ggcctggggg	600
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<210> 3432
 <211> 1539
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1051)...(215)
 <223> similar to gi598332 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3432

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aaagaagttt	ttacatttgt	caaaggtaat	tttgcttaag	aggctatact	gtccatgttc	600
accattgtta	tacttatcac	ttaactctat	taattttacat	gcatgctcat	ttaccacatg	660
gctatgcaag	tcttctggat	cattagtttc	atgttcacag	aactgacaca	agtactgttc	720
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<210> 3433
 <211> 4936
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(3978)
 <223> similar to gi3327082 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3433

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<210> 3434

<211> 2290

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2288)...(245)

<223> similar to gi5052554 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 3435
<211> 3109
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3110)...(478)
<223> similar to gi2465540 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<213> Homo sapiens

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<221> misc feature

<222> (2) $\bar{1}$ (1583)

<223> similar to gi4159682 in the genepept database release 114.

Run with FASTXY 3.3t00, default parameters

<400> 3436

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004597E-0100

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 <213> Homo sapiens

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 <223> similar to gi3676132 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 Run with FASTXY 3.3t00, default parameters

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ctcctgagac	ctcctgagac
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aaaagccat	aaaagccat
cctccatccc	cctccatccc
tcaatagtga	tcaatagtga
cacccttcag	cacccttcag
agtgccactgc	agtgccactgc
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caaaccttgc	caaaccttgc
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gagagagcag	gagagagcag
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<210> 3440
 <211> 4487
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (20)...(3896)
 <223> similar to gi5931959 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3440

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gattggtgag	gaaatgagcc	agaacagttt	cataaaacag	tatctggaaa	agcagcagga	300
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<210> 3441

<211> 1969

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (55)...(1179)

<223> similar to gi4972746 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3441

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atgcaggagg	tcctacagag	aaaggcgctt	cttgcatctt	agagggccca	cagcctgtca	180
cccacagatc	accaagcagc	tttctacctg	gctctgcagc	ttgccatctc	cagacagatc	240
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tatttaagtt	taactttttt	atgtgaattc	agagttttat	tatcgaggga	aatatgtaca	1860
aagaagcttc	aaatggaata	tttaccgaca	ttccttatac	atgacagaca	cttggctaca	1920
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<210> 3442

<211> 2263

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2228)...(668)

<223> similar to gi3879811 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3442

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<210> 3443

<211> 1878

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1) ... (1307)

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<223> similar to gi4510377 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
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aggcttattg	gcttactgag	taaacttgac	ttgtgagggg	tttttatttt	tactcattaa	1860
aagtcaacaa	aaaaaaaa					1878

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<210> 3444
<211> 6436
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(5017)
<223> similar to gil80803 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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ccagggactc	caggcccacc	aggactgcca	gggcttcaag	gtcctgttgg	gcctccagga	600
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<210> 3445

<211> 1709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1712)...(288)

<223> similar to gi2988400 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3445

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caggatgagg	cagagagtgc	ccgggcacaa	gctgtttag	agctttccaa	tcttccgget	360
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aggaggaagc	agtgccttta	actgcctctg	tacatctttg	agtttggtcg	tcactggggt	1680
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<210> 3446

<211> 1320

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (48)...(703)

<223> similar to gi5305702 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3446

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SECRET

<211> 954

<213> Home

 $\langle 220 \rangle$

<221> misc feature

$\langle 222 \rangle$ (4) \dots (529)

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<223> similar to gil924940 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
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<210> 3448
 <211> 4009
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(3247)
 <223> similar to gi3882313 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 3449

<211> 2368

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2291)...(1951)

<223> similar to gil203928 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3449

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gcattcagct	agagaaaatt	cacagcattt	tattcaagtt	aatcaatttc	attcaataat	360
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tattaagaaa	tctggtttga	atttccatga	tgccctaactc	tatgggttaa	aatccttttc	480
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atttgcccca	ctgtaccaca	gaagggaat	gagggctagt	gtcccagaa	agcaagcagg	720
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gctgaaagta	ggtcgcgcg	gctgcgtag	ccatggctgc	aacacctccc	cgccacgcg	2340
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<210> 3450

<211> 3790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3292)

<223> similar to gi3413874 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3450

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cagcagtgtg	agcttcgggt	gcaactgttg	caggacctcc	aggacttctt	ccgaaagaag	240
gcagagattg	agatggacta	ctccgcgaac	ctggagaagc	tggcagaacg	cttctctggc	300
aagacacgca	gcaccaagga	ccagcaattc	aagaaggatc	agaatgttct	ctctccagtc	360

<210> 3451
 <211> 2343
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2344)...(2121)
 <223> similar to gi5817268 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3451

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catcttacat	caccatggta	catctgtcaa	aaccaagaga	ctgaaattgg	tatattaact	180
aaaattcaga	cttttttcag	atttccaatt	ttcccactaa	tgtcctgttt	ttgttccaag	240
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tcacctcagt	caactttccc	ggggaaagag	aatgcatggg	aaaagctctt	gtccttatta	360
ttgaactgga	gaaactgagg	cttaaaagtg	ccgagtgacc	aagttccctt	agagggcagt	420
gagaacaagg	cctgccttac	tctgttccct	ttccccaggg	actcttggtt	ttcagaagcc	480
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ggt						2343

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<210> 3452
<211> 981
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (17)...(319)
<223> similar to gi5824545 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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09483725.01100

<400> 3452						
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<210> 3453
<211> 4362
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(1532)
<223> similar to gil503988 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3453

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agctaacata tttatgaaga tgaggcctgg tgacccagca gggtcattgg atacataaga 3480
aatgagaatt cctgggttcat gggccaacct aggactctgg agtatgcaga cttggccatt 3540
cgtccattgt ggctgccgg gtcgcacccc aggcatactg aaaggccata ctctgtggctg 3600
gctgcctgag ggctaagcc ttcccaggat cttcaggaca cttgacagac ttgtgttttc 3660
tggtctgagc tgccctccaca ggtccctcca gcaagcctca ctgcacctct cccctgctgt 3720
ttgtgtttgg aattttgtct tcttttagctg agaccaaatt aaaccttggt gcataaagtg 3780
agcttaaaac ttgccactgt ttagtaagtt agccccata gaatgtgacc ctgtctgcag 3840
agtctcattt acccctcttt ttctcattgt catttggttg ctttattagg gctgtcttac 3900
aggatcatgt tggcatttac tatcatgtct ttatcataaa ccatgtttgt ttgaggtaga 3960
agaatcacca tataattcgt tgcccaaatt gggactattg agagagaaag gggatgctat 4020
taattacacc agatcaaaag gcataaacca gacctgtccc aggccgatgt ggaaatatgt 4080
tctttctagt tgtgggtacc ctgatctagg tggtttgtaa ttgtgcatta ctgactgcat 4140
atgtttgtgt atgtgtaa atgtgggtccc tgtaagtgg ggctcatgga tacgaggcct 4200
gaggaagtgt ggcttgctag tctgttacgt taacatgctt ttctaaaatt gcttcacgtg 4260
ttaattcatt tactcctgca ttcatgact gtttttggtt ttttccattc actttgtact 4320
tatttttttc attaaatttt gcatttattt tgaaaaaaa aa 4362

```

```

<210> 3454
<211> 1128
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1129)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1128)...(793)
<223> similar to gi4406551 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3454
tttttttttt tttggaggga gaaacaactt tattttcatc cagaaattag taatgtttat 60
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actttaagag acaatcagga actatgatga gggcaataat aaaaggagaa atcttaccaa 180
aaaattaacc tggatcggtt tgcttgctct aaagggttaa gtcacttagg ggaacagat 240
tcagtattat ccaatgggct taaccatcct tctttctttc tgtttgcttt ttggtggtgg 300
ctgggttaca aagagcagtg tcttctgccc tgaaggtagc agtattatgg tgggtgccta 360
gaggtcaatt attggttttag aagagattca ggccttaac ttttacctgt gctttccagg 420
aaaggagaca ctttctttct cagccctgtg tgaggactat gttagcccag aaagtgttct 480
tggaacctg ggtgcccatt ctcatgcta ggaacaggaa gaccctggtt tcttggtaga 540
atztatggat cctacagctt tctctccatc aaactttaag tcacagtaag ataggactct 600
ggagtcacag gcacagccag gagaggtcag cgtccttatg ctgactcctg gtcctagaca 660
tggttcttaa gatccagtag tcagtaggtc tgttgcaaag tcagggactg gctagatctc 720

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tccacagcag	aagaaagctc	atacatgctg	acctgaggaa	cttaatctga	cagttttaccg	780
acacactcat	aacgcattctc	ttccttcctg	tgatgagagt	actgctttca	tgtgtactgt	840
ctgatgacgg	gtgagggcag	agttcttagt	gaagcctctc	tcacagtgag	aacacctgta	900
aggcttttca	ccagtgtggg	tttttcggtg	ggcactgaag	tgggagctat	tattgaagat	960
tttccacac	actgcacact	tgtatgggct	ctccccagtg	tggatgcgcc	ggtgagcact	1020
gaactgggaa	ctagatgttg	aatctctttc	cacagacaat	gcactggtaa	ggcttttccc	1080
cggtatgggt	cgaattccnc	gcnntggcct	agtgggtctgc	tattcaag		1128

<210> 3455
 <211> 1203
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1202)...(196)
 <223> similar to gil519052 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3455	
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tgtccaccta	gggaggaaaag
gtattccct	ggggaacccg
caggctccgt	caggggtgcc
acaccccggtg	ctcttttttga
tcagctcttt	cttcctgtgc
accgttttcc	cggtcagcgg
tgtgcagtgc	tgcatgggtga
accgcccag	cctttcacct
ggaaacctgc	atggctccaa
ggagtcgtcg	ctggcgaaga
attgatgagg	tcggcatcca
gttctcactg	tgaagatgga
gatgcctatg	cccagattgg
gatgcgcgtc	ctggcgtcct
taagcgctca	attcgttttct
aggaacgtgg	atgtcttctg
ttgcacatgg	gcacgttgaa
tcggccttcc	accctttcac
tggtcgcgt	tgaactccct
ggg	

<210> 3456
 <211> 1266
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1264)...(210)
 <223> similar to gi5870865 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3456

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accctctgtc	tcggtgccct	cagaacctca	gccagaaagg	caaggaggaa	atcagagcag	180
gagcctcata	ctcttggtga	tctattcatt	ctgtgacctc	aggggtcaca	tataaggcca	240
gtgtttctcg	tccccgccgg	atctgcaact	ccaactggga	ttgggttcga	acagcttcat	300
aaacatcttc	agcattttgt	accatctgct	ccccaatggc	caaaatcaca	tcaccaggcc	360
gcagaccagc	ccggtgtgca	ggggagccca	ggatgacttt	atggatgagt	acaccatgct	420
gaacatcggg	aaagcttggg	tctcgaagct	gtagtccagc	aaggatgctg	ggactcaggg	480
tcagcatcat	caccccaatg	tagcgccgct	gggacccact	gattccggag	gaggaattct	540
tcttttcccc	acgatgcaga	aactctcgaa	gacgatcaga	agggatggca	aaggagattc	600
cagctgtgac	cttcatgggt	ttcactccaa	tcacctcccc	atccagggtta	accaggggac	660
ctccagagtt	tccaaaatca	atagctgcat	cagtttgaat	gtattccaca	ttgggttggg	720
ggagtccag	gtctctgggt	ggacgctgag	cagagctaac	aatgccggat	gtgatcgtgt	780
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cacggactct	gcgccgatca	gccaccacat	gggcgttggg	gacaatgagc	ccatcggcag	1020
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ccaggatctc	gatatagacc	acggcagggtg	ctgtcttctc	caccacatct	gcgatgaagt	1140
tgtactgact	gaagtccctc	agaagtgcac	gccgggacca	ggattccggg	aggccgactc	1200
ctccctgccc	cacgaatgcc	gggaattgtg	gtctccgcgc	gacgcgagtt	gtgagacggc	1260
ccaagg						1266

<210> 3457
 <211> 3899
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2695)
 <223> similar to gi5499741 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3457

gactgcctca	acaaagaagg	ctttgacaaa	atagatatca	gtgcagttgt	ggcatataacc	60
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gaagtcttca	acaaattctt	caaggaaaaga	gtcatggaaa	tagttgatgc	agatgagaaa	180
gttcgacaca	gcaaactggc	tgagtctgtg	gaaaaggcca	ttgaagagaa	aaaatacctt	240

gctggggcag	acccttctac	tgtggaaatg	tgttaccctc	ctatcattca	gagtgggtggc	300
aactataatc	tcaagttcag	tgtgggtgagt	gacaagaatc	atatgcactt	tggggctatc	360
acttggtcca	tgggtattcg	cttcaagtct	tactgtctca	accttggtcg	cactttgatg	420
gttgatcctt	ctcaagaagt	tcaagaaaat	tataactttt	tgctccagct	tcaagaggag	480
ctgctgaagg	aattaagaca	tgggtgtgaag	atatgtgacg	tgtataacgc	tgtcatggac	540
gtgggttaaaa	agcagaagcc	agaactgctg	aacaaaatta	ccaaaaacct	aggggttggg	600
atgggaattg	aattcccgtg	aaggctccct	agtaatcaat	agcaaaaatc	aatacaaaact	660
tgaagaaaagg	aatggttttc	agcatcaatt	taggattctc	cagacctgac	taacaaggag	720
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gttcctaaag	aatgaagatg	aggaagaaga	ggaggaggag	aaagatgagg	cagaggacct	900
tttgggaaga	ggttctcggg	cagcattact	tacagaaaga	acaagaaatg	aatgactgc	960
agaagagaag	cgaagagcac	atcagaaaga	actagcggct	caactcaatg	aagaagcaaa	1020
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gtcctataaa	aacccatctc	tgatgcctaa	ggaaaccgcat	attcgggaaa	tgaagatcta	1140
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cattgccaca	atcaagaata	taagtatgtc	cgtggaagga	gattatactt	acttgcgaa	1260
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tattgcccac	aagaggatgc	aaggctcact	ggaggcccat	gtcaatggct	tccgcttcac	1620
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caatggcccc	attcagatgg	caagggagga	ggtgttcttg	aagacaggag	gaggtcccg	2940
ctgttaataa	atattggttc	attcttctct	cttctgttca	ccttctgcca	agacattgat	3000
ggcttctgac	atcttatttg	gtgtctcaaa	gctgtatttc	caagacagt	gtacaagggtg	3060
acccttaatt	accggtatca	tggttcttga	ccagcacatt	caatcctcca	acctacccta	3120
ctgccatgac	cttccgcaca	tctctaagtt	ttatctttgc	aataactcaag	gttctcggaa	3180
atgtgcta	ggttgtgata	aaccatacag	cttgagccag	tgaggcagat	tgggtcgggtg	3240
ccttcgtctg	agttttcctg	ctttcctgcc	tctgagcat	tctgaggtat	atctgctgcc	3300
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acatggtaca	atgatagaag	gcaaaattgc	cactgtcttc	ttttttttct	catatatcta	3420
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atgagaaaag	agaagaggaa	gggaggccat	atctacaaca	cagcctctcg	gcactgctgc	3600
tccttatttt	aactttgtct	tgcattgtcc	tgtattttatc	acagtttctg	ttgaacagct	3660

tttcaagtat	ttggggagtt	tatcttgcca	tcctcccctt	ctggttctct	gcacccacct	3720
gtcccactgc	agttccttcc	gtgctctgtg	actttaagag	aagaaggggg	gaggggtccc	3780
ggattttatg	tttgtttggt	ttttctcctt	agcagtagga	cttgatattt	tcaattttgg	3840
aagaactaaa	agatgaataa	actgggtttt	ttttgttggtg	ggtttttgta	aaaaaaaaa	3899

<210> 3458
 <211> 1146
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1147)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> similar to gi1916290 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gcttggtcga	gtgaatcgag gcggcgggcc catccggaac cggccggcca tcgcccgcgg 120
cgcgcgcggc	ggcaggcggc aggaaccgac cggcgcccta cagcaggcca aaacaacttc 180
ccgacaagtg	gcagcacgat cttttcgaca gtggcttcgg cggtggtgcc ggcgtggaga 240
caggtgggaa	actgctggtg tccaatctgg attttgaggt ctcagacgcc gatattcagg 300
aactctttgc	tgaatttgga acgctgaaga aggcggtgtg gcactatgat cgctctggtc 360
gcagcttagg	aacagcagac gtgcactttg agcgggaaggc agatgccctg aaggccatga 420
agcagtacaa	cggcgtccct ctggatggcc gccccatgaa cattcagctt gtcacgtcac 480
agattgacgc	acagcggagg cctgcacaga gcgtaaacag aggtggcatg actagaaacc 540
gtggcgctgg	aggttttggt ggtggtggag gcacccggag aggcacccgc ggaggcgccc 600
gtggaagagg	cagaggtgcc ggcaggaatt caaagcagca gctttcggca gaggagctgg 660
atgccagct	ggacgcctat aatgcgagaa tggacaccag ttaaacagac cagcaaatcc 720
gcgtgcggaa	caggacccag gcgtctcctc ttgctccctg gttggggggc ggtggctggg 780
gctgtgcggc	caatgatgga tttgtttctt ttatgtttta aataggattt aaaaactcat 840
gtaaagggtt	atTTTTTTTcc tttttttttt tttaaaaccc aaaacagacc tttttttccc 900
cgagttatTT	ttgggaaaaa atttactggt tgctgtttggg aaaaaggggc ctttccccct 960
tttctataaa	aaaaaaaaaa atgtgtgtag aaaaaaaaaa accaaaaaaa canggggggg 1020
gccccctttt	aaaaaacccc tcggggggccc ccatttaccc cgggggttggc aaaggttatt 1080
tttctttttt	ttagggggga atataacccc ctctgggtcc ttttgga aaa cccctttttt 1140
ttggcg	
	1146

<210> 3459
 <211> 455
 <212> DNA

aacattttcc tatggattac aatcactttc atcagataaa g

761

<210> 3461
<211> 1773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1774)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (28)...(1270)
<223> similar to gi5689535 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3461

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ctgtctaaagc	ggagcggcaa	gtccctgaac	aaggagtgga	ggaagaagta	tgtgaccgct	120
ctgtgacaac	gggtgtctca	cctatcacc	cagcctgcat	gattacatgc	agaacatcca	180
cggcaaggag	attgacctgc	tgcggacaac	ggtgaaagtg	ccaggaagc	gcctgccccg	240
agccacacct	gccacagccc	cgggcaccag	cccacgtgcc	aacggcgtgt	ccgtggagcg	300
gagtaacaca	cagctgggtg	ggggcaacag	aggcagagga	gtcgtttgaa	tttgtgggtg	360
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gggacaggac	ccttcggagg	tgcctgtgag	gagaggggag	caggacctct	ccctcctcca	1560
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gcaccaagtt	gggggtgctg	gatgaaagag	acgaggggtg	atctgtgagt	cccatgtaaa	1680
ctttgtacat	tggaaatattt	atgtttgtgt	acatatttga	tgtgtgtgtg	tatgatgagc	1740
caataaacca	gactgtgtgc	gtgaaaaaaa	aaa			1773

<210> 3462
 <211> 2239
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2152)...(1400)
 <223> similar to gil710175 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3462

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tataaatata	aaggcagaga	atttacttac	aaagttaaaa	cacagatttc	aaacataaac	120
acacgattca	gaaaaatttt	agttttatgt	acatttccaa	gcaacctcaa	catattatgt	180
tagttttcaa	tattttacag	ggtacagaaa	aaaatagctc	aaagtcttct	ttaaataaga	240
gcataaaatg	tttaaacata	taaacaatcc	ggtttgatgc	gtgaaaacta	atttcacagc	300
ttttaaatat	ggatataaaa	gtttcataca	attagttggt	gtgtgtggat	atgggttgaa	360
tttatattac	acactactgg	attacatcca	atagcattta	cctggcccca	gcagggtactc	420
tgtaaacaaa	acaaagttat	atcaccaagt	gccttccccg	aattcgctcc	ctcaaaccac	480
ccacacagtt	ctgaccactc	tacagtcatt	gcctgtcatc	agagctttgt	atgaaattaa	540
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<210> 3463
 <211> 2063
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2064)...(737)
 <223> similar to gi2852632 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 ggcctaatt taatattatc aaggtaaaat gagcacatat aggaagtcag tctaactttg 180
 ttcgcacttg tcttttaaag ttagaataca ttaaaagatt tagcaccggt gtattttatc 240
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 caccctaaac caaataatcc taaaaaaata ctgggtttta attaaaacc tgaggaatta 420
 aaatttggtt ttacacaata gttttgggtt aagtggcaat ttccatggt catacctacc 480
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 atctaatact atatttaatt tgttgctaca aagttgtttt gtttctctaa aaagtagttt 600
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 tgaagacacg atccatgtaa gtggactgtc ttggccagat tccctccaga aaaccaatat 840
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<210> 3464
 <211> 5017
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (5018)...(2724)
 <223> similar to gill136418 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 tccaacacc tgcaactgtt tccagatttt ctgtgtagtc ttctttgtgc tttcagttca 240
 gtaaaaatta gaaaggataa caaacttgta aagtcagata cctaattgta caaaattgac 300
 tagaccatgg agaaggggga agcatcattt tacaaaatat tgtaagatc accagcatta 360
 atttaaatga ttttcctttc tggacttcca agtccacttg gcaattttac ttaggaaaat 420
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 tgcgtctatg taatgagaat ttttaaaaaa ttgttttctt cctgctgtca aaacttaggc 540
 attaaaaata agggactgta aacctagttg acttaccat aaaaaggagt aagttcggag 600
 aatgagagaa ggaccaatag aatctaagaa gcaccctgtc actcccagcc gggacctctc 660
 aggcattggt ttgacaggag gtgcatttat aggacattca ctggttcctc agaatggaca 720
 gataatatag aaatgctagg aaaaaacatt cctgcaatag tctgcagaac aaatgtgcca 780
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<210> 3465

<211> 4236

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(3648)

<223> similar to gi3882329 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 3466

<211> 939

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (940)...(137)

<223> similar to gi2664429 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3466

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aatctcagca	ccataaaaatc	catcctgata	cacgaccgct	ccgtaagtcg	ggatgggggg	300
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939

<210> 3467
<211> 1520
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1523)...(667)
<223> similar to gi817954 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3467
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aatatcaatc acccctgcta aacgttttgt tcctaaagtt aaatttcata gattcctaaa 180
cattttatga ttaagataaa aaattggact ataaatgaca attcatggcc atctgtgctg 240
aacacacatt gatcaggtgt acaatattct aattgagtag ttaagcaaaa aatattccag 300
ttaaagcata aattttaatt tcagcatttt aaagtcattg tttccccaca tggcatgat 360
tttcctaaaa ttgaaatagt ctaatacagg agcgctaacc ttgggactct atatactccc 420
aggaggatga ctgacttggc tggcaattag tttgattata tttttttaa tgctctaagg 480
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cattgagatt tacattaaga ataagaagtg tcattcaca ttccattgta cccccaccc 600
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ccagactgtc accaagtcgt 1520

<210> 3468
<211> 3999
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4002)...(1682)
 <223> similar to gi3327128 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3468

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<210> 3470

<211> 373

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(330)

<223> similar to gi5326854 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3470

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cagcattcca agg 373

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<210> 3471
 <211> 6076
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(3242)
 <223> similar to gi3947688 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3471

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<210> 3472
<211> 1492
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1495)...(80)
<223> similar to gi4689256 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 3473
<211> 4696
<212> DNA
<213> Homo sapiens

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<220>
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 <222> (1)...(4492)
 <223> similar to gi2815888 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3473

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<210> 3474

<211> 2915

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(2202)

<223> similar to gil657752 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gaggaattaa	aatcgaacaa	aacataaaaa	aaaaa			2915

<210> 3475

<211> 2429

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2405)...(719)

<223> similar to gi4510377 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3475

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gattctttta	aaccgcccc	cctTTTTTTT	TTTTTTgaga	tttaacattg	tacattttat	180
taaatactgg	actttattac	aacaaattaa	tttacttccg	atagaagttt	catttttaaaa	240
aatgtggttg	tgttcaaatt	cttaattgac	acttgTTTTg	gggtaaacat	cctattttta	300
ctggtggtat	catcaatcat	tatgagcaga	aagattaatt	ttgtaccaca	gaacaaagga	360
atTTctcaag	tgggtacaat	acttcaatat	atataaagg	gaatatactc	cccaaaggag	420
tggggcatga	ccacagcaga	gtatatgatc	agagaacata	ttgctTTTTat	ggtatatata	480
tatatatata	tatatctcta	catataacat	caagtcatgc	acattaagtc	tttactacct	540
actgaaggct	tctaccttac	acatgaaaat	tgttcatgtc	ccagggtttg	gcatccagcc	600
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caactttatc	atcctccatc	atTTctataa	catctacagt	acttgcagaa	taccttcttc	2340
gcagttccct	tacataatct	ggccaacggt	ctttatatat	tgcttctttt	tcgaattcga	2400
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<210> 3476

<211> 3973

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3975)...(1294)

<223> similar to gi4914601 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3476

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ttttcttttt	tttttttaaa	ttttttttaa	tagtcacatt	cagctcgctt	gctcaaacca	180
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ctaacgtgtc	ctctagtcta	tcttcgctaa	acagaaccca	cgttacacat	ggataactag	360
gagaggcaca	ctgtgttgaa	aacgagggat	gctggacccc	aaatgggcac	ttgggcaggc	420
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ctcgtctccc	ccc					3973

<210> 3477

<211> 1459

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1458)...(424)

<223> similar to gi3881654 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3477

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cacacaaaga	tcaggtgaag	aaatctatgc	agctatacat	gctaggacct	ggtgtacacc	180
atccctgcaa	cccatagaa	agaaaaaaa	ctcttttttc	aaaatagaag	cagtattctt	240
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taaaaataaa	tcacagccaa	agttccataa	agtcagagaag	cttgaaacag	aaaataaaaa	360
tcgactcgaa	gagtgatgat	gggagcctga	agctccatcc	tcacaaggac	ggcagcctct	420
ggacatcact	gcaaagggtca	caggaggaca	gcttcacttc	agagttgtaa	cttctcaccg	480
cctgtctcct	tggctcatag	taatccacta	tggacactga	agcatcttgg	gtatttgaaa	540
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aatagagggt	gagttttcca	tgatcatatt	ccactttctt	cactgtctcg	ctcagagaaa	660
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<210> 3479
 <211> 1838
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1170)...(656)
 <223> similar to gi453376 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3479	
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gctcacccctg	ctaagggggc ctaaagtgcc aagtcaagct gccagcctcc agagattaga 180
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cagtagagga	ggagaaggga tttagaagac agtaatatat gattaaaagt taaaagctga 300
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gtaaaagcaa	tgctgttttc	aatgtataaa	cactttgggt	aaacaaaatt	taaaaaagaa	1800
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<210> 3480

<211> 3184

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (130)...(2367)

<223> similar to gil336628 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3480

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cctcgtagat	ctcatcctgt	agtgaagttt	tcctgtacag	actgtgaacc	aatgggtatt	660
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acaggagact	ggaataaaaag	tccggagccg	atcacatggt	ttatcaatgg	catataggaa	1200
agattttcaa	caactcctcc	agggaaatttc	agaggatgtc	cctcacagac	tgctagacct	1260
taatatgaag	gaatacactg	ggttccaagt	tgttttgctg	aataaggatt	tgaagccaca	1320
gacattttaga	aatgcttatg	acataccaag	acgaaatctt	ttggatcact	taacaagaat	1380
gagatctaata	cttttgaaga	gcactcgcag	atttctgaaa	ggacaggacg	aagatcaagt	1440
gcacagtgtt	cctatagcac	aaatggggaa	ctaccaggaa	tacctcaagc	aagtaccttc	1500
tccactaaga	gaacttgatc	ctgatcagcc	acgaaggttg	catacatttg	gcaacccctt	1560

[illegible]

```
<210> 3481
<211> 2513
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (26)...(951)
<223> similar to gi437664 in the genept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3481						
ggtaagccaa	ctgaaatcta	ctcaagacac	cttaaacc	aatggaag	ttggaaaagt		60
acaagatgca	agtgagaaat	agcaaagctt	ctttttgaca	agttaaagat	ggatgtttgt		120
cagaaaagtg	atttacttgg	agctagtgcg	tgcaatatgc	tatctcattc	gctcactacc		180
taccagagaa	cactgcttgg	attctggaag	aaaacagctc	gaatgatgtc	ccaatttc		240
gaagcctgta	ttggctttca	tccgtatgat	tttgtagctc	tcaagcaact	acaagacacg		300
ccaagcaaga	ttagtgaaga	caataaagat	gaacaaatag	gcggttttct	tactgaacag		360
ctcaataaag	tagttttgtc	tgatgaggaa	gcaagctttg	agagtgaaca	agcaaaacaa		420
gatcacaaat	aaaaacattc	tcaaatagag	gaatttgga	cacctcagtt	ttctaactct		480
gaaaatgttg	caaaagatct	acctgtagat	tcattggaag	gagaagattt	tgagaagqaa		540

tcttcatttc	tgaacaacct	cctaagttct	ggttcttcaa	gtactagtga	atttacccaa	600
gaatgccaga	tgccctttgg	gagccccagt	gccagttctca	gtaccocagg	gccttccatt	660
gggtctgagc	ccctcgctca	ttcttctcga	ttccttccct	cacaactctt	tgaccttggc	720
tttcatgtgg	ctggagcggt	caacaactgg	gtctcccaag	aggaatcaga	actttgtctt	780
tcacacactg	ataaccagcc	agtgccttca	cagagtccaa	agaaattaac	aagatcccc	840
aacaatggca	accaagacat	gtcagcctgg	ttcaatctgg	ttgcagactt	ggatccactt	900
tcaaacccag	atgctattgg	acactcagat	gatgaacttc	ttaatgcttg	actgaagtta	960
taatgtcact	tcagtggcct	tgagacatca	attttgcaac	gtatttccct	cgtggaaagg	1020
atthagattg	taaccgcac	acaaaagcac	ggtgtttgtg	aatataacac	ctgtcagcca	1080
actttagaca	gatggtaaag	accacatttg	aataagtaca	catctttcat	atcttggatt	1140
tgcagctgtt	ggtactatgt	ggaaaatatt	agaaacttct	atgtggaaaa	tattagaaac	1200
tacagagttt	gcgatattta	gatactgaaa	tttatgtcaa	aataacggct	aggaataatt	1260
ctgtcaatat	ggagttgagc	ttatttcttt	ggaaaccctt	ttaagttgcc	ttgctggctg	1320
tgagaatttt	atatgtggat	aacaaagata	gatagatagc	atgtaaattg	ggttgtgggt	1380
tggggtcagt	ttttaaatga	aatagtagcg	aggaggattt	tctgttttgg	aaaacaccat	1440
tagaaccaga	ccagctttgt	tttgggttag	agagagtaag	at ttgagaac	tcagtttgct	1500
ttaatgaaat	cacagagaaa	cttgggtactt	gtttttcttc	at ttggaggc	taaaatgtaa	1560
tgttttttca	ttcatacaaa	ataatggaca	ctccctaatt	ccattattaa	atcttgaagg	1620
ggaagtagca	ggataattaa	tttgctaagc	ccatcctctg	cagaaacaga	aaaatctatc	1680
ttcccatctc	ctaaaactca	gaatgcacag	taatacttaa	ggcttgtaca	agtgtcttca	1740
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ataaaaatgag	gggagaatat	tccctaagca	actggcaata	gtatttctga	aatacctaga	1860
aatttctatc	tgaatgaggg	agacacttat	gaacacctta	tccttacata	tatttgcata	1920
cttatctcat	at ttgtgtgac	ataattattt	aacccagaat	actttctggc	agacatacag	1980
aaagctctgt	gtgatcaata	agggagtgtc	tcatttttct	acttccctct	ttctgtgggt	2040
gacatgatct	gaggttctat	ttgattacta	agcaaaatct	gttaccctta	cagggttttag	2100
aacctaagta	ttagagagga	aggctatttta	atggaaagtta	gtgtaagctg	ataaaaaagct	2160
agctaccgta	cacacacatc	aactactcaa	tttctgtctc	ttttaaatgt	cccacccttt	2220
aattttgaag	caatttccca	agtgtgtgtt	tgttttatat	ttgtcatcca	gtccattgca	2280
tttccataag	aagacatttt	gactggctgg	gtgcggtggc	tcacgcttgt	aatcccagca	2340
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atggtgaaac	cccgctctcta	ctaaaaatac	aaaaaattag	ccaggcgtgg	tggcacgtgc	2460
ctgtagtccc	agctactccg	gaggctgagg	caagagaatg	gcgtgaqccc	qqq	2513

```
<210> 3482
<211> 2867
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1984)
<223> similar to gi3818572 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3482						
cttcctcttc	tccacgcagg	cttcaacagg	agatttatgg	agaatagcag	cataattgct		60
tgctataatg	aactgattca	aatagaacat	ggggaagttc	gctcccagtt	caaattacgg		120
gcctgtaatt	cagtgtttac	agcattagat	cactgtcatg	aagccataga	aataacaagc		180
gatgaccacg	tgattcagta	tgtcaaccca	gccttcgaaa	ggatgatggg	ctaccacaaa		240

ggtgagctcc	tgggaaaaga	actcgctgat	ctgccccaaa	gcgataagaa	ccggggcagac	300
cttctcgaca	ccatcaatac	atgcatcaag	aagggaaagg	agtggcaggg	ggtttactat	360
gccagacgga	aatccgggga	cagcatccaa	cagcacgtga	agatcacccc	agtgattggc	420
caaggaggga	aaattaggca	ttttgtctcg	ctcaagaaac	tgtgttgtag	cactgacaat	480
aataagcaga	ttcacaagat	tcatcgtgat	tcaggagata	attctcagac	agagcctcat	540
tcattcagat	ataagaacag	gaggaaaagag	tccattgacg	tgaaatcgat	atcatctcga	600
ggcagtgatg	caccaagcct	gcagaatcgt	cgctatccgt	ccatggcgag	gatccactcc	660
atgaccatcg	aggtcccat	cacaaagggt	ataaatataa	tcaatgcagc	ccaagaaaac	720
agcccagtca	cagtagcgga	agccttggac	agagttctag	agatttttacg	gaccacagaa	780
ctgtactccc	ctcagctggg	taccaaagat	gaagatcccc	acaccagtga	tcttggttga	840
ggcctgatga	ctgacggctt	gagaagactg	tcaggaaaacg	agtatgtgtt	tactaagaat	900
gtgcaccaga	gtcacagtca	ccttgcaatg	ccaataacca	tcaatgatgt	tcccccttgt	960
atctctcaat	tacttgataa	tgaggagagt	tgggacttca	acatctttga	attggaagcc	1020
attacgcata	aaaggccatt	ggtttatctg	ggcttaaagg	tcttctctcg	gtttggagta	1080
tgtgagtttt	taaactgttc	tgaaaaccact	cttcgggcct	ggttccaagt	gatcgaaagcc	1140
aactaccact	cttccaatgc	ctaccacaac	tccaccatg	ctgccgacgt	cctgcacgcc	1200
accgctttct	ttcttgaaaa	ggaaagagta	aagggaagcc	tcgatcagtt	ggatgagggtg	1260
gcagccctca	ttgctgccac	agtccatgac	gtggatcacc	cggaaggac	caactctttc	1320
ctcctgcaat	gcaggcagtg	agcttgctgt	gctctacaat	gacacctgct	gttcctggag	1380
agtcaccaca	ccgccttggc	cttccagcct	cacggtcaag	gacacaaaaa	tgcaacattt	1440
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tttggaaca	gagatgacaa	aacactttga	acatgtgaat	aagtttgtag	acagcatcaa	1560
caagccaatg	gcagctgaga	ttgaaggcag	cgactgtgaa	tgcaaccctg	ctgggaagaa	1620
cttccctgaa	aaccaaattc	tgatcaaacg	catgatgatt	aagtgtgctg	acgtggccaa	1680
cccatgccgc	cccttggaac	tgtgcattga	atgggctggg	aggatctctg	aggagtattt	1740
tgacacagact	gatgaagaga	agagacaggg	actacctgtg	gtgatgccag	tgtttgaccg	1800
gaatacctgt	agcatcccca	agtctcagat	ctctttcatt	gactacttca	taacagacat	1860
gtttgatgct	tgggatgcct	ttgcacatct	accagccctg	atgcaacatt	tggtgacaa	1920
ctacaaacac	tgggaagacac	tagatgacct	aaagtgcaaa	agtttgaggc	ttccatctga	1980
caggctaaag	ccaagccaca	gagggggcct	cttgaccgac	aaaggacact	gtgaatcaca	2040
gtagcgtaaa	caagaggcct	tcctttctaa	tgacaatgac	aggtattggt	gaaggagcta	2100
atgtttaata	tttgaccttg	aatccattcc	aagtcacca	aatttccatt	ccttagaaag	2160
ttatgttccc	atgaagaaaa	atatatgttc	cttttgaata	cttaaatagac	agaacaaata	2220
cttgggcaaa	ctccctttgc	tctgcctgtc	atccctgtgt	acccttgtca	atcccatggg	2280
ggctggttca	ctgtaactag	caggccacag	ggaaggcaaa	gccttgggtg	cctgtgagct	2340
catctcccgg	gatgggtgac	taagtaggct	taggctaggt	gatcagctca	tcctttacca	2400
taaaagtcac	cattgctgtt	tagcttgact	gttttctcct	agaacatcga	tctgaaggat	2460
tcataaggag	cttatctgaa	cagatttatc	taagaaaaaa	aaaaaaccga	cttaaaatag	2520
gggaagcaac	taggacaaaa	ttacagataa	actagttagc	ttcacagcct	ctatggctac	2580
atggttcttc	tggccgatgg	tatgacacct	aagttagaac	acagccttgg	ctgggggggtg	2640
ccctctctag	actggtatca	gcagcctgtg	taaccctttt	cctgtaaaag	gggttcatct	2700
taacaaagtc	atccatgatg	agggaaaaag	tggcatttca	tttttgggga	atccatgagc	2760
ttcctttatt	tctggctcac	agaggcagcc	acgaggcact	acaccaagta	ttatataaaa	2820
gccattaaat	ttgaatgccc	ttggacaagc	ttttcttaaa	aaaaaaa		2867

<210> 3483
 <211> 1091
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (15)...(798)

<223> similar to gi6002700 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3483

tttcgtagag	cagcaccag	cagcgccccg	gggtccccgc	gggaccgcgg	ccactggacg	60
gatacctcgg	agtggcggac	cacaagcccc	tgaaaatgca	ctgcagggac	tgtgccctgg	120
tgaccagctc	agggcatctg	ctgcacagtc	ggcaaggctc	ccagattgac	cagacagagt	180
gtgtcatccg	catgaatgac	gccccacac	gcggctatgg	gcgtgacgtg	ggcaatcgca	240
ccagcctgag	ggatcatcg	cattccagca	tccagaggat	cctccgcaac	cgccatgacc	300
tgctcaacgt	gagccagggc	accgtgttca	tcttctgggg	ccccagcagc	tacatgcggc	360
gggacggcaa	gggccaggtc	tacaacaacc	tgcattctct	gagccagggtg	ctgccccggc	420
tgaaggcctt	catgattact	cgccacaaga	tgctgcagtt	tgatgagctc	ttcaagcagg	480
agactgggca	aagacaggaa	gatatacaac	acttggtctc	gactgggctg	gtttacaatg	540
acaattgcac	tggagctctg	tgacaggatc	aatgtttatg	gcatggggcc	cccagacttc	600
tgacaggatc	ccaatcacc	ttcagtacct	tatcattatt	atgaaccttt	tggacctgat	660
gaatgtacaa	tgtacctctc	ccatgagcga	ggacgcaagg	gcagtcatca	ccgctttatc	720
acagagaaac	gagtccttaa	gaactgggca	cggacattca	atattcactt	ttttcaacca	780
gactggaaac	cagaatcact	tgctataaat	catcctgaga	ataaacctgt	gttctaagga	840
atgagcatgc	cagactgtaa	tcccagggtat	tactgcctc	agacaccgag	acactgaact	900
tcctgagcca	ccagacagga	aagggtagca	gaaaacagct	tactcctca	ggaagtacca	960
tgacagagcg	cctaccagg	gtgacaaagc	agtgcagttg	gattgtaagg	aaaaattccg	1020
gaattaatgc	atcctaata	atgttgtccc	cttcaatggt	gttaccttaa	gagctgaaca	1080
ttcaattcag	g					1091

<210> 3484

<211> 1129

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(738)

<223> similar to gi994773 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3484

tcaagttcag	gagacaggaa	gcgaacggcg	cgagaggaac	aggatgcacg	gcctcaacga	60
cgctctggac	aacttaagaa	aagtgggtcc	ctgttattct	aaaaccagaa	aactgtccaa	120
aatagagact	ttacgactgg	ccaaaaacta	catctgggca	ctttctgaaa	ttctgagaat	180
cggcaagaga	ccagatctgc	tcacattcgt	ccaaaactta	tgcaaaggct	tttccagcc	240
aactacaaac	ttggtggcag	gctgcttgca	gctcaacgcc	aggagtcttc	tgatgggtca	300
gggtggggag	gctgcacacc	acacaaggct	accctactct	accttctacc	caccctacca	360
cagccctgag	ctcaccactc	ccccagggca	tgggactctt	gataattcca	agtccatgaa	420
accctacaat	tattgcagtg	cgtatgaatc	cttctatgaa	agtacttccc	ctgagtgtgc	480
cagccctcag	tttgaaggct	ccttaagtc	tcccccaatt	aactataatg	ggatattttc	540
cctgaagcaa	gaagaaacct	tggactatgg	taaaaattac	aattacggca	tgcattactg	600
tgcagtgcc	cccaggggct	cccttgggca	gggtgccatg	ttcagggtgc	ccaccgacag	660

ccacttcctt	tacgacttac	atctgcgag	ccaatctctc	acaatgcaag	atgaattaaa	720
tgcagttttt	cataattaat	gaggaaaatg	aaaataaaca	gtggtcattc	acctcccctg	780
tctaattaag	acaaagcaga	tgcttggtgg	ctgagtaatt	ggcacaactc	tatctaaggt	840
gtttactagt	ttctgaagtg	tgtttcaact	attgtgagaa	ttttctatgt	aataataaat	900
ctcttttcgt	atgagaactt	cttttccttt	ccttttgtct	gtgaagcact	gtgattctgt	960
ttctactgga	aagatttttt	tctttttaat	tttcttttaa	acttatttaa	tttgtttgaa	1020
caaggtgtct	aagaatatac	tggtgaataa	agacatgcac	acagcataat	tcaatgtcta	1080
ttttggttgt	acagtaatta	taaaatgcat	gttattaaaa	ccagatgag		1129

<210> 3485
 <211> 884
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (14)...(507)
 <223> similar to gi5771535 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3485						
ataaccaaag	ggcgtgcggt	cgctggcagc	gctggccctt	gtcctggcgc	tgcccccggt	60
gcttgccac	agcccggggc	agggcgagaca	ccgcgccctg	ccgagcgggg	gccccagtg	120
cggttttca	ccgaggagga	gctggccgc	tatggcgggg	aggaggaaga	tcagcccatc	180
tacttggcag	tgaagggagt	ggtgtttgat	gtcacctccg	gaaaggagt	ttatggacga	240
ggagccccct	acaatgcctt	gacggggaag	gactccacta	gaggggtagc	caagatgtcc	300
ttggatcctg	cagacctcac	ccatgacact	acgggtctca	cggccaagga	actggaggcc	360
ctggatgagg	tcttcaccaa	agtgtacaaa	gccaaatacc	ccatcgtcgg	ctacactgcc	420
cggagaattc	tcaatgagga	tggcagccct	aacctggact	tcaagcctga	agaccagccc	480
cattttgaca	tcaaggatga	gttctgatgt	tccccctgca	ggagcagggt	cttgggagcg	540
tgaggcagga	agacactagg	tgctgaatct	cctgcaaaac	tggctgcctg	gaggccctga	600
gccaccacga	tctgaataaa	acagatgctt	accctggaag	agcaaatgcc	tcctgttgct	660
cttggtcagg	ggttctgtct	acctggggac	ccctgtctgc	acaccaggga	tcaataagag	720
ccaaagtggg	acacctccta	gatgtcagta	tcagctggct	gggcagtgga	attttgagcg	780
acgctttact	ttatactttt	ctgtgcttga	cagattttca	gccatgacca	tgttcacttt	840
ataatcaaaa	caaaaataaa	ggtcccat	ttacaaaaaa	aaaa		884

<210> 3486
 <211> 6527
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3049)
 <223> similar to gi5410204 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3486

atgccccggg	cgactgcact	tggggccctg	gtgtcactgc	tgctgctgct	gccgctgcct	60
cgcggcgccg	ggggactcgg	ggagcgcccc	gacgccaccg	cagactactc	agagctggac	120
ggcgaggagg	gcacggagca	gcagctggag	cattaccacg	acccttgcaa	agccgctgtc	180
ttttggggag	acattgcctt	agatgaagat	gacttgaagc	tgtttcacat	tgacaaagcc	240
agagactgga	ccaagcagac	agtgggggca	acaggacaca	gcacaggtgg	gcttgaagag	300
caggcatctg	agagcagccc	agacaccaca	gccatggaca	ctggcaccaa	ggaagctgga	360
aaggatggcc	gggagaatac	cacactcctg	cacagccctg	ggaccttgca	tgccgcagcc	420
aagaccttct	ctccccgggt	ccgaagagcc	acaacctcaa	ggacagagag	gatatggcct	480
ggaggagtca	tcccctacgt	cattggaggg	aacttcactg	ggagccagag	ggccattttt	540
aagcaggcca	tgagacactg	ggagaagcac	acctgtgtga	ccttcataga	aaggacggat	600
gaggaaagct	ttattgtatt	cagttacaga	acctgtggct	gttgctccta	tgttgggcgc	660
cgaggaggag	gcccacaggc	catatccatt	gggaagaact	gtgacaagtt	tgccattgtg	720
gctcacgagc	tgggccatgt	ggttgggttt	tgccatgaac	acacccggcc	agacagagac	780
caacatgtca	ccatcatcag	ggaaaacatc	cagccaggtc	aggagtataa	tttcttaaaa	840
atggaagctg	gggaagtgag	ctctctggga	gagacatacg	actttgacag	catcatgcac	900
tacgcccgga	acaccttctc	aagaggagtt	ttcttagaca	ccatccttcc	ccgtcaagat	960
gacaatggcg	tcaggccaac	cattggccag	cgcgtgcggc	tcagtcaggg	agacatagct	1020
caagcccgga	agctgtacaa	atgcccagcg	tgtggggaga	ccctgcagga	cacaacggga	1080
aacttttctg	cacctggttt	cccaaattgg	tacccatctt	actcccactg	cgtctggagg	1140
atctcgttca	ccccagggga	aaagatcgta	ttaaacttca	catccatgga	tttgtttaaa	1200
agccgactgt	gctggtatga	ttacgtggag	gtccgggatg	gttactggag	aaaagccccc	1260
cttttgggca	ggttttgtgg	cgataagatc	ccggagcccc	tcggtctcca	cggacagccg	1320
gctctgggtg	gagttccgca	gcagcagcaa	catcttgggc	aagggtctct	ttgcagcgta	1380
cgaagctacc	tgcgggggag	acatgaacaa	agatgccggg	cagattcaat	ctcccaacta	1440
tccgcatgac	tacagacctt	ccaaggaatg	tgtctggagg	attacggttt	cagagggggt	1500
tcacgtggga	cttaccttcc	aagcttttga	gattgaaagg	cacgacagct	gtgcatatga	1560
ctacctggaa	gtccgggatg	gccccacgga	agagagtgcc	ctgacgggcc	acttttgtgg	1620
ctatgagaag	ccggaggatg	tgaaatcgag	ctccaacaga	ctgtggatga	agtttgtgtc	1680
cgatggctct	atcaataaag	cgggctttgc	agccaatttt	ttcaaggagg	tggttgagtg	1740
ttcctggcca	gatcacggcg	ggtgcgagca	tcgctgtgtg	aacacgctgg	gcagctacaa	1800
gtgtgcctgt	gaccctggct	acgagctggc	cgccgataag	aagatgtgtg	aagtggcctg	1860
tggcggtttc	attaccaagc	tgaatggaac	catcaccagc	cctgggtggc	cgaaggagta	1920
tcccacaaac	aaaaactgtg	tctggcaggt	ggtggccccc	gctcagtacc	ggatctccct	1980
tcagtttgaa	gtgtttgaac	tggaaggcaa	tgacgtctgt	aagtacgact	ttgtagaggt	2040
gcgcagcggc	ctgtcccccg	acgccaagct	gcacggcagg	ttctgcggct	ctgagacgcc	2100
ggaggtcac	acctcgcaga	gcaacaacat	gcgcgtggag	ttcaagtccg	acaacaccgt	2160
ctccaagcgc	ggcttcaggg	cccacttctt	ctcagataag	gacgagtgtg	ccaaggacaa	2220
cggcggtgtg	cagcatgagt	gcgtcaacac	cttcgggagc	tacctgtgca	ggtgcagaaa	2280
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6527

<210> 3487

<211> 4380

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4383)...(1310)

<223> similar to gi3882293 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3487

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<210> 3488

<211> 1224

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1152)...(0)

<223> similar to gi3347848 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3488

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<211> 2647

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2431)

<223> similar to gi5305411 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3489

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<210> 3490

<211> 2354

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (562)...(679)

<223> similar to gi3493529 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3490

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<210> 3491

<211> 1030

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(798)

<223> similar to gi5912208 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3491

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<210> 3492
 <211> 8053
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(3586)
 <223> similar to gil665825 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ggtaaaattc	acagaagttc	caggttcac	atgtcaggat	cattccttgt	gcaaagtttg	7920
atgtagatga	agataaagt	gtttcttggg	caataattgc	aatttctttc	ttttaaagtc	7980
agtgggtttc	ttgtatagtt	ctattacaat	tggcccagg	ttaatttcat	ccatctccat	8040
gaaagcaaaa	cac					8053

<210> 3493
 <211> 4779
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (178)...(3458)
 <223> similar to gi3776088 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3493
 aggagcagtc cgaggggaac gtgggttgaa cgttgcaact aggggtggaga tcaagctgga 60
 acaggagttc cgatcgaccc ggtaccaaga aggggagtgcc ccgcggcagg gttcattgaa 120
 aaaatcctta gtgatattga catgtctcaa gtgacataaa ttagccaatg actcggaatg 180
 atggattctc cgaagattgg aaatggtttg ccagtgattg gaccagggac tgatataggg 240
 atatcttcac tccacatggg ggggtatttg ggaaaaaatt ttgattcagc taaagttcca 300
 tcagatgagt attgccctgc ttgtaaagag aagggaagt taaaagcctt aaagacttac 360
 cgaattagtt ttcaagaatc tatctttttg tgtgaggatc tgcagtgcac ctatcctttg 420
 ggctctaaat cacttaataa cctaatttct cctgatttg aagaatgtca cactccacat 480
 aagcctcaga aaaggaagag cttagaaagc agctataagg attcacttct tttagcaaat 540
 tccaaaaaga ctagaaatta tattgctatt gacgggtgaa aagttttgaa cagcaaacat 600
 aatggagaag tatatgacga aacctcgtca aacttacctg atagtagtg tcaacagaat 660
 ccaattagga cagctgattc cttggagcgg aatgagattt tggaagctga tactgttgac 720
 atggctacta caaaagatcc tgctacagtt gatgtctctg gaactggcag accttccctc 780
 caaaatgaag gatgtacatc taaactggaa atgccactgg agagcaaatg tacatcattt 840
 cccaggcctt tatgtgtcca gtggaaaaat gcttatgctc tctgttggtt agactgtatc 900
 ctgtcagctt tgggtgcactc ggaagagtta aagaacaccg tgactggact gtgctcgaag 960
 gaggaatcta tattctggcg gttgcttaca aaatataatc aagcaaatac acttctatat 1020
 accagtcaat tgagtgggtg taaagatgga gattgtaaaa aacttacctc agaaatattt 1080
 gcagagatag agacctgtct gaatgaagtt agagatgaaa tttttattag ccttcagccc 1140
 cagcttagat gcacattagg tgatatggaa agccctgtgt ttgcatttcc cctgctctta 1200
 aaactagaaa cccacattga aaagctcttc ctatatcttt tttcttgga ctttgaatgt 1260
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 gtcacccctg agtggcacc ctttaattgt gcccattttg gcccatgtaa caattgcaac 1380
 agtaaatcac aaataagaaa aatgggtatta gaaaaagtat ctcccatatt catgttgac 1440
 tttgtagaag gcttaccaca gaatgacttg cagcactatg catttcattt tgaaggctgt 1500
 ctttatcaga taacttctgt aattcagtat cgagcaata atcattttat aacatggatt 1560
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 gctctcagta atgagaaacc agtatcttta acatcgtgtt ctgtgggtga tgctgcctca 1800
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 aatattttac ctctgacact tgaagaaact atccagaaaa cagcctcagt ttcacagtta 1980
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tttcgatgag	tttttttctt	cctcagcatt	aaatgcttta	gcaaatagaca	cattagacct	3420
acctcatttc	gatgaatatc	tgtttgagaa	ttattgaatt	aatgcttggt	aacttttttc	3480
atataatatt	tattattatt	agaagaactt	acaatgtgtt	caggtagtgt	ttatacactg	3540
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cgccactgca	ctccagcctg	ggcgacacag	tgagactcca	tttcaaaaaa	aaaaatattt	4500
tctaggccag	gtacagtagc	tcacacctgt	aatccagcac	tttggaaggc	caaagaggga	4560
agatcacttg	agcccgagcag	tttgagacca	ccctgggcaa	catggcaaga	ctctgggcgt	4620
ggtggtgctc	acctgagatg	tcagctactc	agaaggctgg	ggtgggagga	ttgcttgagc	4680
ccagcagttt	gaggccacag	tgagccatga	tcgtgccact	gcactccagg	ctaggtgaca	4740
gggcaagacc	ctgtctccag	aaaaaataaa	gaaatthttt			4779

<210> 3494

<211> 1528

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(226)

<223> similar to gi836883 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3494
cagaggggttt gataaagtgc tctggacccc tcgggtgctg tcaaattggcg tccagttctc 60
gcgcatcagt ccagatgggtg aagaaggcta ccccgagag ttaaaagtct gggtagacata 120
caccctggat ggcggagagc tcatagtcaa ctacagagca caagccagtc aggccacacc 180
agtcaacctg accaaccatt cttacttcaa cctggcaggc caggcttccc caaatataaa 240
tgaccatgaa gtcaccatag aagcggatac ttatttgcct gtggatgaaa ccctgattcc 300
tacaggagaa gttgccccag tgcaaggcac tgcattcgac ctgagaaaagc cagtggagct 360
tggaacacac ctgcaggact tccatctcaa tggttttgac cacaatttct gtctgaaggg 420
atctaaagaa aagcattttt gtgcaagggt gcatcatgct gcaagcgggc gggtagtaga 480
agtatacacc accagccccg gggtagcgtt ttacacgggc aacttcctgg atggcacatt 540
aaagggcaag aatggagctg tctatcccaa gcaactccgtt ttctgcctgg agactcagaa 600
ctggcctgat gcagtcaatc agccccgctt cctcctgtg ctgctgaggc ctggtagaga 660
gtatgaccac accacctggt tcaagttttc tgtggcttaa ggaagtgtga agatatgatc 720
cagtcagggt ctaggtcag ccacctgtct cctgtccaga aaaaagggtga agattaagaa 780
gctttcagaa tgattctatg gattaaaatc atacaaatgg tggctgttct gagaatcagt 840
ctgggtattg atttcctttt ccagtgcact gctccaggcc atgtctaata accagctcga 900
ttccctgtgc agttcagaga gcaagtgaac ccaaccaaca atgtcgtcat ctaagccctg 960
accctagcca gggactccca tgctgctgtt ggctccatct ctccacactg cctctttctt 1020
ttcaactttt tgcccttcct ttcttttaaag ctattctcac attgctttta tttcctctc 1080
cttcacctcc aaccactgtc agcagcactc tggagttttc aaatgtcaca ttagcctcac 1140
cctgcatgct aggagatgga cctgtctcta tacagcagta gatgattgat aagtgaggaa 1200
actgaggctt acagagggtt aagaccaaca agctaataaa taaaagggtg aggcgggca 1260
cggtaggtca cgctgtaat cccagcactt tggaaaggccg aggcaggcgg atcacgaggt 1320
caggagatcg agaccatcct ggctaacacg gtgaaacccc gtctctacat aaaaaattag 1380
ctgggtgtgg tagcacgcac ctgtagtccc agctacttgg gaggtgagc caggagaatc 1440
gcttgaacct gggagggtga ggttgagctg agccgagatc atgccactgc actgggcaac 1500
agagcaaaac tcgatctcaa aaaaaaaaa 1528

```

```

<210> 3495
<211> 1404
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (13)...(959)
<223> similar to gi5926736 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3495
ggaattccct gtacagagat gggcaatttt gacaatgcta atgtcactgg agaaatagaa 60
tttgccattc attattgctt caaaacccat tcttttagaaa tatgcatcaa ggctgtgaa 120
aaccttgctt atggagaaga aaagaagaaa aagtgcatac cgtatgtgaa gacctactg 180
ttgcccagca gatcctccca gggaaagcgc aagactggag tccaaaggaa caccgtggac 240
ccgacctttc aggagacctt gaagtatcag gtggcccttg cccagctggg gaccggcag 300
ctgcaggctc cgggtgtggca tctgggcacg ctggcccgga gagtgtttct tggagaagtg 360
atcattcctc tggccacgtg ggactttgaa gacagcaca cactgcctt ccgctggcat 420
ccgctccggg ccaaggcggg taaatacgaa gacagcgctt ctgagagtaa tggagagctc 480

```



```

acagtccggg ctaagctggt tctcccttca cggcccagaa aactccaaga ggctcaagaa 540
gggacagatc agccatcact tcatggtcaa ctttgtttgg tagtgctagg agccaagaat 600
ttacctgtgc ggccagatgg caccttgaac tcatttggtta agggctgtct cactctgcca 660
gaccaacaaa aactgagact gaagtcgcca gtctgagga agcaggcttg ccccagtg 720
aaacactcat ttgtcttcag tggcgtaacc ccagctcagc tgaggcagtc gagcttgagg 780
ttaactgtct gggatcaggc cctctttgga atgaacgacc gcttgcttgg aggaacccag 840
acttggttca aaggagagaca cagctgttgg cggggatgca tgctcacaat cgaagctcca 900
gtggcagaaa gtcctttcca gcccacatct atggacagac atgactcttg tctgcactg 960
acatgaaggc ctcaagggtc caggttgag caggcgtgag gcactgtgcg tctgcagagg 1020
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caattatgtt acctaagcct ctggtgggtt atctcctctt tgagatgtag aaaatggcca 1200
gattttaata aacgttggtta cccatgtcct ccagtgttta tcaaatgagg taaaaggccg 1260
gctggtgggc atggtgagtc cccctgtgta tcccagcaac tttgggaggc tgcagtggat 1320
ggcttgagct cagaagtgtg agatcagccc aggcaacata gataccctgt ctacaaaaaa 1380
accaaaaaat tatccagggg tggg 1404

```

```

<210> 3496
<211> 1816
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1698)...(0)
<223> similar to gil552275 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3496
tttttttttt ttcaaacgca tgatgagctt tgttttgtga gtaaaacata atacgcaaaa 60
gaagtatgct tgtagggggg tcttgggtcg tcatttcttt tctgtttctg gtttgttttt 120
ggagagagtc tggctttgtc gcccaggctg gagtgcagtg gcgcgatcac ggatggctgc 180
agctcctggg gcttcgcttc ctgattcggt tgcctatatt tcagttcact cctcaggcgc 240
ggaggaaatg gtggaaggcc cagctctggg tgatcctggg cgctgcccc gttaccggtt 300
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catcagcagc agcgggagct ggggcacggg cgtggtgcca gaggcataca gacagggtgg 420
gtaagcgtca atgtccacct ggcgcagtc acacacgtgc tgcatgctgc aggcctcgtc 480
gcagaccccc gcagagtagc tgactgagtt atagacgtag tagcgtgca gtgtgctctg 540
gtcgccagcg atgcggtcca gcaactgtgt catggagtgg gcgctggcgt ccggcacccc 600
ataggcctcg gtcagctggt actcgagctc ccagcgcggc gtccctgag cattcgcttg 660
gctcagggtc atgaagtagg tcaccatgtc cttcaggctc agtgtggctc ggtcatattc 720
gaacacccgg atggctggat tgttggcccc attgaccact ccaggtaatg tggttttcca 780
tggggtgact ccagggtgta tgaacatggc gcttatgggg acacctgcat catcatagag 840
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cttccggacc accttcaggt atttttcatt gaagccctcc cggaacctg ccttgttttg 960
cgtcttctca aagaaccccc ggggcacgtg gccgacaatg tacaccatgt cccagctttt 1020
ggatgcatcg gtcagcacat cttccagcca ctggaactgc tggccagggt ccgcatgtc 1080
tgctgtcagc gcattgctgg tatagtacag attggtgttg aggaccacaa ttcgcccagc 1140
cccgtggga cccggcagct tctcacagta gaaggcacct tttttgaaga gagcgatgga 1200
ctcattacta agccagggtt tccatagttc tgctatctga ttgtagatgt tgttacttcc 1260

```

```

agctgggaac tggtttttgg ggtgaaaatc atgattttccc aaagcagcat agacttttagt 1320
atctggaaag acctctctga tgagcttggg caggcggttcc acaattttcca gtacagctgc 1380
ctctcccagt ttctcatcgg gcacatgagg cgtgtcatca ccagtccaga gaatgaagtc 1440
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atcacagagg tagtcacccc agggggcctgc gtcgggcact ggctgggatc cagctgatgg 1560
gcacacctgg aaggggtctt tggatacctt gtagtcaggg tcaaggtgca ggtcagcgat 1620
gtgccagaac ttccctgggt cagccctggc acctccccag ttagccagga aaatcagcca 1680
ggcgagcagc ctcatcctcg gggctcactt ccccagagcc gtgggattct ccaggcactg 1740
ttgttgttct caccacaggc ttcctaagta gttttctgtg gccacgtgcc ggagcaggac 1800
tccttgtcct gttacg 1816

```

```

<210> 3497
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (343)...(146)
<223> similar to gi4519602 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3497
tttgagcctt tgtagatcac tagtccatgc ggtggaattc ggagggggcgg ccctgcgggtt 60
gctctgtaca agtccggggt ggtgacggcc ccagcagtcc ccacagggcc cctggggggc 120
gcaggaagtg ggcagggcgc tctagatgaa atattccctc ttgtcgtccc ctctgactg 180
ccgccttct gcattgatga tggcgtgtc cgcgtctgga gcatcgtcgg agccttttgc 240
ctcatgtgtc agtggccgag gaagatgagc atgatgagca gcaggaagac aatgaaagcc 300
acgatccac cgatgatggc gtgtcccgcc cacttaagga tattcctgga agaagatgca 360
gtagctcctt ctaccaccag gcgtcagcac tggaaacaga cgcagtccaa caggactccc 420
tctgcctggc tgttgagcac aaagcagagg ggagatcagc aagata 466

```

```

<210> 3498
<211> 3344
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3345)...(677)
<223> similar to gi5689457 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3498
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catcaaaaca tcagacgagt ttgatacaaa actgggtccta ggctgtgagg actaattctg 120
gtgacggatg gcgacgtgct gctggcatga gacacacgga gcagagggac gagagccgtg 180
ggtcccaacg gggggcccttg gacaccactg gcaatgagac aatgggtgag cacagagtcc 240
acgtggggga cagaatcaac ttattcacga atactgtgtg tttgaatatc agatgagcag 300
atgcggttgg cgaggctacc atattttcca gaaaagaaca tgccccagaa gataatatac 360
accccctagt tttattgcct taagaatgtg tgtgtgtttc acctttctcc tctgttagtt 420
ctcccagtg ctttcttcta tcacgcgcgc tccttttccc ttttgcttag gagcaagcac 480
agtgaagtg gcagaacgat ctgggcacac atcagacacc aaacggtatg cactgggtc 540
acgagaacga gtctgcagag gctccatagg acagacagca cgcacatcaa aaacaaggga 600
cagaagttgc agtcagaaag tgtgtgatac cttcctgaaa atacagtctt cttgccaaaa 660
tgaaggtgac tcttcaggat gccacgttgc tctgggaaag ggaccttgac atttctgtgt 720
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gtggcttctg agctccaatc acaccagcta tcacaggtcc atgggttaata cccactcgca 960
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gcaaaactacc accatggtgc caatgtgcat gtactgtgc tcgggctcct gggagtgtc 1080
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cgttcacgga gccgaaggca ttccaagccc tccttgttca cgtcggattc tgtataaaat 1260
tctttgaaat ccggaatgga ggcaaacatg acgcagacgc agtcatagga ctggtggtat 1320
agctcctcat tcttcaggct cctggccagg aagtgtcag cccacgtgcg cgggaagcac 1380
gttctccagc agcacgcggt tcagggtctc catggtctct atctcctccc gctctttttt 1440
gaatttgttc ttccataaga agtctaacct acagtaatat tcattctgtc taccagaac 1500
aagcagtgtg atgaagaata tagagagaga cacagagccc atggtcttca ggtctttcca 1560
aatgcctggt ctctcaaata agacctggct gtagtcgccc aggacgtggg cgtgggtgtg 1620
gagtaggatg gtgtgtgagc ccaccaaggc caccatcatg atcaacatct tcagctcata 1680
gtttaccgcg aggaacaccg gaacaggata tcagtcccag aatgcagctg tagataaagt 1740
acgggaggaa aaataaaatt tgcgcacgca gaatcgccac ctgattattt gaggtgaaa 1800
agcttgtgtt tgttgtgttg gcagttggag ggttgtttc ctctgagtca tcaggaaaa 1860
acatgttgaa cacggccatc attaatatga tggctgtggt gatgatcgtg agagagatcc 1920
gtggccaggg gcggttgga atgatgccg aggaactcaa aagccacatg agcaggggag 1980
aggctttttt gctgcattgc agaagctgtc cagcaaagca gacgaagagg atgaaggcca 2040
gcaagagaaa cgcagcccca aaggagatgc ccaggacaga cgtttttggc agcacgagaa 2100
tctgcacaat gaagatgcag aagaatatga gacaggcaca agtcacataa tacttgaacg 2160
ctggcagtg cgtggcccgg tactcttttt ctagtacttt gttatagaaa agcagtgaga 2220
ttctctgaat gtcttcagac ttgagccatt gcttctgtgc attaatccca tcaattgctt 2280
gaatcatcct ttcatccaat tcttcttcaa atctcttctt ttgtgacttg gttcttaagg 2340
tgcgattttg aaaattatgc tgacccatgg gtacatccgt ggtgctgatc ttgccgttct 2400
ctgtggtcat gctgtccctg tgatgtagggt gtgcaaaggg cttggctgcc cccaggact 2460
ccaagtaccg ggtcatgcgg accgaggccc tcattttggc tccatcaagg gtgtggcgag 2520
gtctgaagag atgctggggg ctccgtcggt ctccttggg gttgatcaca aagtaggttt 2580
tcaccagggt ctgttttaaa tatgggtccc taatgtcacc atctccctcc tccactttat 2640
aagcgccatt caagtgtccc aaggtgacag aagaaatgtg aacacgtcca gggacccctc 2700
cagcttccat gtggttggcc aaggtcacag catgtgacca cacatcatat tgccacttct 2760
gcagaccaat cacgccacac aggcattcc cagatgcac gccacgcgc atgtccagc cccattttca 2820
caactccagt agcatccctc actttcttta tggcttcaca catgtccagc cccattttca 2880
cacagttctt ggcattggtt gggagagata tagggagtcc agatacacag tagtagcagt 2940
ctcctaaaat ttttaattct atgcattcat tctcctttgc aatttgatca aactttccaa 3000
agagctcatt cagcatgtgg actagttctc ccggggagca gtcacttgcc agccgggtaa 3060
agccaacgat gtcagcgtat aagatgtca cgtttgtatg ccgcttcaca tacaggttgt 3120
ggaagttatt tgtgttctcc atctggccc ccttggggcc ctgcagcctc tggatgatct 3180
ccgctttcat ctccatggcg atgtggggcc gcagcaggga gacgagaagc cgctcctgtt 3240
gacgtttttc aaattccaac ttgatccgcg acttgatgca atttacaggt gtcctgatat 3300
gtttgctgaa gagcgagttc catgaggtgc ttatggtagg ctcc 3344

```

<210> 3499
 <211> 2891
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(2138)
 <223> similar to gi4426597 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3499

atggcgggagc	gagaaagcgg	cggcctggga	ggggggggccg	cgcccccgcc	cgccgcctcc	60
ccgttcctgg	ggctgcacat	cgcttcgcct	cccaatttca	ggctcaccga	tgacatcagc	120
ctggaggagt	ttgaggatga	agacctctcg	gagatcactg	atgagtgtgg	catcagctta	180
cagtgcaaa	acaccctgtc	cttacggccc	ccgcgcgcgc	ggctgctctc	tgccggcggc	240
ggcggcgcg	ggagccgggt	gcaggccgag	atgctgcaga	tgacactgat	cgacgcgacg	300
ggggacactc	ccggggccga	ggacgacgag	gaggacgacg	acgaggagcg	cgccggcccg	360
cggccgggag	cggggccgccc	caaggccgag	tccggccagg	agccggcgctc	ccgcggccag	420
ggccagagcc	aaggccagag	ccaggggccc	ggcagcgggg	acacgtaccg	gcccgaagcg	480
cccaccacgc	tcaacctctt	tccgcagggtg	ccgcgggtctc	aggacacact	gaataataat	540
tctctgggca	aaaagcacag	ttggcaggat	cgggtgtctc	gatcctctc	acccctgaag	600
acaggggagc	agacaccacc	gcataaacac	atctgcctga	gcgatgagct	gccccccag	660
agcggccccc	ccccaccacc	agatcgaggc	acctccaccg	acagcccttg	ccgcgcgacg	720
acagccaccc	agatggcacc	tccgggtggt	ccccgtggtg	ccccgcactg	gggggtcggg	780
ccactcgcat	cgagaccgaa	tccactacca	gtccgatgtg	cgaatagagg	ccactgagga	840
gatctacctg	accccgagtgc	agaggccccc	ataatattgc	agagcccacc	tccgccttca	900
taccgcccc	agagagccgg	atgtcagtca	gatttattgc	agaccctgcc	gcctaccctt	960
ccacggcagg	gcgccgcgac	ccctccatca	gtgaagagga	agagggcttc	gactgcctgt	1020
cgcccccaga	gcgggctgag	cccccaggcg	gaggggtggc	ggggagcttg	ggggagccgc	1080
cgccacctcc	acgggcctct	ctgagctcgg	acaccagcgc	cctgtcctat	gactctgtca	1140
agtacacgct	ggtggtagat	gagcatgcac	agctggagct	ggtgagcctg	cgcccggtgt	1200
tccgagacta	cagtgcagag	agtgaactct	ccaccgtcta	tgacaactgt	gcctccgtct	1260
cctcgcccta	tgagtcggcc	atcgagagag	aatatgagga	ggcccccgcg	ccccagcccc	1320
ctgcctgcct	ctccgaggac	tccacgcctg	atgaaccgga	cgccatttcc	tccaagaaat	1380
tcttgaacgt	cttcatgagt	ggccgctccc	gctcctccag	tgctgagtc	ttcgggctgt	1440
tctcctgcat	catcaacggg	gaggagcagg	agcagaccca	ccgggccata	ttcagggttg	1500
tgccctgaca	cgaagacgaa	cttgagctgg	aagtggatga	ccctctgcta	gtggagctcc	1560
aggctgaaga	ctactggtac	gaggcctaca	acatgcgcac	tggtgcccgg	ggtgtctttc	1620
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acaagggcaa	tgacgtcctc	tgtgtgtgta	tgcaaaagat	tgccaccacc	cgccggctca	1800
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taggcgtcaa	ggccgatgac	tcccaggagg	ccaaggggaa	taaagttagc	cactttttcc	1920
agttaaaaaa	catctctttc	tgccgatatc	atccaaagaa	caacaagtac	tttgggttca	1980
tcaccaagca	ccccgcgcgac	caccggtttg	cctgccacgt	ctttgtgtct	gaagactcca	2040
ccaaagccct	ggcagagtcc	gtggggagag	cattccagca	gttctacaag	cagtttgtgg	2100
agtacacctg	ccccacagaa	gatattctacc	tggagtagct	gtgcagcccc	gccctctgcg	2160
tccccagcc	ctcaggccag	tgccaggaca	gctggctgct	gacaggatgt	ggcactgctt	2220

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gaggagggggc acctgccacc gccagaggac aaggaagtgg gggccgctgg cccagggtag 2280
gggaggggtgg ggcaatgggg agaggcaaat gcagtttatt gtaatatatg ggattagatt 2340
catctatgga gggcagagtg ggctgcctgg ggattgggag ggacagggtt tggggagcag 2400
gtctctggca gagaaggatg tccgttccag gagcacacgg cctgccccca tcctgggcct 2460
tacctcccct gccaggggtc gggcgctgtg gctcctgcct tgatgaagcc cgtgtcctgc 2520
cttgatgaag cctgtgccac ctgcaagtgc ccgccctgcc cctgccccaa cccccaccga 2580
agagccctga gctcaggctg agcccagcca cctcccaagg actttccagt gaggaaatgg 2640
caacacgtgg aggtgaagtc cctgtttctca gctccgtcat ctgcggggct tctgggtggc 2700
tcctgccact gacctaccgg gcatgctggc ctgtggcagg cctaggacct caggcgggga 2760
ggaggagctg ccgcaaggcc ctgtcccagc agaagaggga ggcttcctga ctgacacagg 2820
ccagccccat cttggtcctg tcaccctggc cccaactatt aaagtgccat ttcctgtctg 2880
gaaaaaaaaa a 2891

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<210> 3500
 <211> 1062
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(892)
 <223> similar to gi4102715 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3500
gggttaggag aaagagacag gtgtatggca ccgacagcag gttcagcatc ttggacaaaa 60
ggttcttaac caatttccct ttcagcacag ctgtgaagct ttccacgggc tgtagtggca 120
ttctcatttc cctcagcat gttctaactg ctgcccactg tgttcatgat ggaaaggact 180
atgtcaaagg gagtaaaaag ctaagggtag gggtgttgaa gatgaggaat aaaagtggag 240
gcaagaaacg tcgaggttct aagaggagca ggagagaagc tagtggtggt gaccaaagag 300
agggtagcag agagcatctg caggagagag cgaagggtgg gagaagaaga aaaaaatctg 360
gccgggggtca gaggattgcc cgaagggtgg ccttcctttc agtggacccg ggtcaagaat 420
accacatttc cgaagggtct ggacagagga ggcatggggg acgctacctt ggactatgac 480
tatgtctctt tggagctgaa gcgtgctcac aaaaagaaat acatggaact tggaatcagc 540
ccaacgatca agaaaatgcc tgggtggaatg atccacttct caggatttga taacgatagg 600
gctgatcagt tgggtctatcg gttttgcagt gtgtccgacg aatccaatga tctcctttac 660
caatactgag atgctgagtc gggctccacc gggttcggggg tctatctgag tctgaaagat 720
ccagacaaaa agaattggaa gcgcaaaatc attgcggtct actcagggca ccagtgggtg 780
gatgtccacg gggttcagaa ggactacaac gttgctgttc gcatcactcc cctaaaatac 840
gccagatttt gcctctggat tcacgggaac gatgccaat gtgcttacgg ctaacagaga 900
cctgaaacag ggcggtgtat catctaaatc acagagaaaa ccagctcttc ttaccgtagt 960
gagatcactt cataggttat gcctggactt gaactctgtc aatagcattt caacattttt 1020
caaatcagg agattttcgt ccatttataaa aatgtatagg tg 1062

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<210> 3501
 <211> 1873

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1789)...(395)
 <223> similar to gi2662167 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3501
 tttttttttt ttcaccagtt ttagcatgca actttattaa caacatgtaa ataaaatctc 60
 aaaagaatac acatatcaat ataaagcaca gaagtatagc ttactcagga tgaatagatt 120
 cattatcagg tcacgttgca aaaataccta aaatatctca atttatatac tatatagcac 180
 aataaaaaatc agcacatggt caggatctca agattaattg gtatccataa aatggcctcc 240
 ctcaatcaac atgggaaacc taaggattgg atttattaat taccaatatg cattgggggtt 300
 ccatattgca actcccaaaa actgtttgag gctttatgag aacagagggg tattcagagt 360
 tttagtaata aaccggagga cttaatctct cacttcggga tcaactgtgct ctgctaagtc 420
 ttggagtttc tgaccaaact gttttgcttc ctggaatatt gaaataagct cagatttagt 480
 gaacttttcc ttggtaaata gctttgcctt tgttttgaaac tgaaaattta tattctcaaa 540
 tattttcaata atattaagaa tattggcctt tgactcattc ttgttaaagg gtgcaaccaa 600
 tgatgacagt actttggcac tgatcaattc tcttgatttg gcgtgatttt tagacaaaca 660
 cgaaaacact tttaaaacat aaaacttggg tttgacactt cccttggtta acaagggtgag 720
 gaaatctgga atataactgg taatcacata gtgatcttca aattttatac tcaagtgcctt 780
 tagtaatttc agtccagcca gctgcacagg ggagttcaag gggcaagaga ttatgccttt 840
 acaaacttga tgtatatatg actcccctga ttttggttct tcggaagact cagagctgtc 900
 atccaccata cttaaagctc cagggtgttc tttaacattg ggattattga ccaagttttc 960
 aatcataaca gtaataccta catcatgaat tatacttga gtaaattgat aagcaggact 1020
 gatgccatt atcattgtag ctatttcatg aatgaaagga tccttagtta acttaaggag 1080
 ggcaacaagt ttatcaaact ctttaggctc taaactaaag ccacgtgatt tgcagtggca 1140
 ggccttcgga ttaggcccat acttttccct ttgcctaate tgttttttga tctcagctaa 1200
 ggtctggtta taaggcccat gataagggtg gatcttggtc aaagggtcgaa tcccagagg 1260
 agtttcaatc aagggtctca ccagggtcca gtttccctt ggaggcaagg attgctcccc 1320
 tccttcaact ggaactagga caatatacct ggcccttgac catgctatta ccttttggtt 1380
 tatagtaagt gtgggtttgt gtgtgggctt gggcttttcc tggatcttag gtaggggctt 1440
 ataaacttga agagagggtc cttcttcagg ccagaaccag gaccctacac taggctcttc 1500
 tccagtccag aaccaggagc atatatattt ttcactctca tcaactggatt tcatcccaat 1560
 gctggtctct tcccttctgt cagggtctgga ccagatttg gccttatcat gtgacttggc 1620
 ataggacct atatttgcct caatgacagc aacaaccttg acttcagact tgggttacagt 1680
 actgacctta gacataggca tggcctttga cttgggtttgt ggcaactata tgcgttctgc 1740
 caggggtttt gtcttagtct caaccatgac tctagtctta gttgtatctt ccaccttgat 1800
 cacttccctt gtcacagcca tagcctccct gtaggtcact gtatgtgtcc tgggtcattgc 1860
 tccatcacca gct 1873

<210> 3502
 <211> 2515
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (31)...(1190)

<223> similar to gi3170538 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3502

ttttgaccgc	gctggaggaa	ctctgcacga	gatgaaatcc	tgttttcttt	tcctcagaac	60
tactatatcc	agtggctaaa	tggctccctg	attcatgggt	tgtggaatct	tgcttccctt	120
ttttccaacc	tttgtttatt	tgtattgatg	ccctttgcct	ttttctttct	ggaatcagaa	180
ggcctttgctg	gcctgaaaaa	gggaatccga	gcccgcattt	tagagacttt	gggcatgctt	240
cttcttcttg	cgttactcat	tcttgggata	gtgtgggtag	cttcagcact	cattgacaac	300
gatgccgcaa	gcatggaatc	tttatatgat	ctctgggagt	tctatctacc	ctatttata	360
tcctgtatat	cattgatggg	atgtttgtta	cttctcttgt	gtacaccagt	tggccttttc	420
tcgtatgttc	acagtgatgg	gtcagttgct	agtgaagcca	acaattcttg	aagacctgga	480
tgaacaaatt	tatatcatta	ccttagagga	agaagcactc	cagagaccga	ctaaatgggc	540
tgtcttcata	cgggtggaata	caacataatg	gagttggaac	aagaacttga	aaatgtaaag	600
actcttaaga	caaaattaga	gaggcgaaaa	aaggcttcag	catgggaaag	aaatttggtg	660
tatcccgctg	ttatggttct	ccttcttatt	gagacatcca	tctcggtcct	cttggtggct	720
tgtaatatcc	tttgccattt	ggttgatgaa	acagcaatgc	caaaaggaac	aagggggcct	780
ggaataggaa	atgcctctct	ttctacgttt	ggttttgtgg	gagctgcgct	tgaatcattt	840
ttgattttct	atcttatggg	gtcctctgtt	gtcggcttct	atagccttcg	attttttgga	900
aactttactc	ccaagaaaga	tgacacaact	atgacaaaga	tcattggaaa	ttgtgtgtcc	960
atcttggttt	tgagctctgc	tctgcctgtg	atgtcgagaa	cactgggaat	cactagattt	1020
gatctacttg	gcgacttttg	aaggtttaat	tggctgggaa	atctctatat	tgtattatcc	1080
tacaatttgc	tttttgctat	tgtgacaaca	ttgtgtctgg	tccgaaaatt	cacctctgca	1140
gttcgagaag	aacttttcaa	ggccctaggg	cttcataaac	ttcacttacc	aaatacttca	1200
agggattcag	aaacagccaa	gccttctgta	aatgggcatc	agaaagcact	gtgagacgca	1260
cagacggcgt	cttctgccac	caagagaccc	gagaactcca	gattcacgac	attcctgtcc	1320
catgtagaag	catttccatt	caaccgtggc	ccctcttcag	aacctagacc	tatcagtgcc	1380
attttttttt	cataatctac	gaagaacttg	gctatggctg	atctttttta	aatttaactt	1440
tctgatggac	cctgtagttt	ccagctaagt	gcataattct	tacagacata	tagaacagcg	1500
cattcttctg	tagacatttg	ctcatgttgg	taaatacaat	cacctatatt	aaaaaattgt	1560
tttcacctga	tatgaaaatg	ttagaaaagg	caaactccgg	gacttctaaa	gatttactta	1620
aatcccatta	tgtactttat	tcagaatgta	gaagctgact	tgaaaggcat	ccttgggtact	1680
aagtgaagct	tattcagaaa	atgcattttt	caaatgcaat	gggcaactgc	ttgtagatat	1740
cattttttgca	gtgtatgttg	gagctgtaat	ggttgcaatt	atgtttctta	tttccttaaa	1800
agcaaaaagc	gtagtttctg	atttatgtta	tagaatgata	ctgattagac	tttgagccaa	1860
ggggaaaata	ctaaattctt	ttaaacctgg	agccttagag	agccacagga	atatcttctg	1920
ttgtacagtc	taataagctg	tggtaggaag	tatcatgtaa	tcacagttta	atgacagttt	1980
atgtatatat	ataattcagt	attccctctg	ataacatagt	tgccagtgtt	taatacactt	2040
gtaacttgga	tttttacctt	ataggctata	tgtatactca	gtttttttaa	gcattttttt	2100
cagagatcac	ttaatccccc	atgcttctgc	aatgcatata	aaaactataa	atgccgagtg	2160
gtagaaactc	ctctttcttc	atagtcctca	ggctttgggt	acatttgcat	atgccatttg	2220
aagcctccag	cttttaccag	tttaacatcc	aaagttcaca	gcatcagcat	tcattggtgta	2280
agaacagttt	tgcagtataa	cacgatctga	taatcattca	gttattaaat	tgtaaataat	2340
tattgggatg	gtttcttggc	tttaagtcca	ctgaataaaa	actatgaaat	tgcactctgt	2400
gtcaaccatc	cactagggta	ggataccgaa	atctgtggca	tgcaaaaata	gggagatggg	2460
gcccatattg	cacacaattt	cgtagttatg	cagtcctgcc	ttttaatttg	ttcac	2515

<210> 3503

<211> 1087

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1088)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1089)...(518)
<223> similar to gi3212996 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3503

tttttttttt	ttcactacaa	agtcctttat	taacaagtca	ataaaaacag	aagagagaga	60
gatgtcaaaa	tactttcctt	ggaggcccca	ggagggagag	gactgtcag	gactcacctg	120
gccagggaag	gcaacccac	cagaggcaga	acggagggtca	ggggggcagc	tggcccagga	180
agcctttggg	gaatggctca	ggcctcaggc	agggactgtg	caaacgccga	ggctgcgcag	240
ggagtgatgg	gttgggggct	taagccccga	gcaccgtgtt	cccctgcatg	ggcagacacg	300
cagtcaggct	agcacctgcc	cactccacct	gtgagtgtac	acaggtgtcc	gcgtaaaagc	360
cgggtgcctgc	acgcagctta	catacagaga	gcggaacgag	ggtccccagc	agaacagggg	420
gctcgttcca	gagcttaagg	aaatagctta	gagaagtctt	tggaagcctg	ggtcgagggg	480
agagcaggga	ggctgctctg	ttgcccattg	gcctcaggaa	gccaggcctt	cctgccgccg	540
ctggaggacc	tcgatgacgc	tgccgatacc	gtcctcgggc	accagggcgt	ggtcgaagtt	600
gaagggtgctg	atgtagtagg	cagagatgtc	agcggcagcc	aggggacctg	caatctgtgc	660
cacgatgccca	cattcatcaa	agcccagggg	ctgtccaccg	atgcgcacca	tcctccacag	720
ctcccccgag	gagctgggtca	gcaggagggtc	actggggaac	tttttctgtg	tttcagcatc	780
catgacaatg	gaagatataa	ccctcgatga	gggagaaggc	aaagaacgtg	atggagctgg	840
gttcaggact	gctagaggct	gcctccttgg	gggtgctgtg	cgagtagaag	aggacatcta	900
tgagggtggg	ggcgatggct	ggaagcgtct	cagggtccag	tgtgaggaca	cagaagcggg	960
tctgtgggct	ctggatggga	tgcaccgtgg	ggctgggccc	atgctgagtg	cggggaaagc	1020
cattgctgga	atcatccctc	gtcacaggca	cnagctctcc	gcccaactgc	ggtaaattgtc	1080
gaactcc						1087

<210> 3504
<211> 654
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (652)...(242)
<223> similar to gil573605 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3504

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<400>	3506						
tttttt	ttgaagatcg	cacactttat	tttgaaaacc	aggccaggga	cagctccagt		60
ggggag	gggaagagat	tataactttt	aaatctacta	cgaaaataca	aaaagaggaa		120
acaggg	ttccttcctg	tgttatgtca	ccgtctgtaa	tcagatccca	cagtccagcc		180
atcata	attcacataa	cagcgaaact	catttgccaa	gttccgggtg	tgtcttgga		240
acgtgc	acatcttcac	tccaaggagt	tctgctgcct	gttcttccat	gatggcacct		300
acagc	agaatcttgc	ccgcgctcag	gtacttgacg	gtttccgatg	tttttctgag		360
ctctcc	gaaagatagg	gaggatctgc	tattacgatg	tcaaaactat	gtgcagcaat		420
ccgggt	aagtccaatg	gattattgta	atcatagaaa	ataaactcct	ctccatacat		480
aatctt	ttgtcatatt	caaagatgta	tatcgaaaag	ttttctctgc	acagctctct		540
ctctgg	taaacactag	gggcactcac	acatgcgatt	ctgccacctt	ctctacagc		600
attgcc	tcctgtgcc	gctgcagagc	agtttcttga	ctataccaaa	actggctcag		660
caattc	tcttctatta	ttccaatgtt	atatttatca	tcctcgcttg	gctcaatttg		720
ttttgc	tcagcataaa	attcctggag	agctgctaag	gcatgggcag	aaagctgggg		780
catca	tcttccaaat	cactcatttc	acaagttgtt	tataaccag	gtgtggtggc		840
acctat	agcgccagct	actcaggagg	ctgagacagg	agaatcgctt	gaaccaggga		900
gaggtt	gcagtcagct	gagatctcgc	cattgcactc	cagcctgaat	gacaggagtg		960
ggccg	gcgtg'gcac	ccacgcgtcc	gcggacgcgt	gggctggcct	ccgttgcaac		1020
ctgacc	tagtgaaggc	ctagactttc	tcagacagat	ttcttttaac	tcttctgccc		1080
ccaggt	cttcactggg	atgctgcctt	gcacttgagg	aatgtgaacc	ttccctaagc		1140
gcgtgg	g						1151

<210> 3507
 <211> 2249
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1319)
 <223> similar to gi5262640 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3507

cccagcgccc	cggaagtgat	ctgtggcggc	tgctgcagag	ccgccaggag	gaggggtggat	60
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ccagccgccc	aggctcccc	gccaccgctc	agactcctcc	ttcgaccgct	cccggcgcg	180
ggccttccag	gcgacaagga	ccgagtaccc	tccggccgga	gccacgcagc	cgcggcttcc	240
ggagccctcg	gggcggcgga	ctggctcgcg	gtgcaggtaa	agctccagat	ggctctggaa	300
cttatgagga	aagagttgga	ggacgccttg	actcaggagg	ccaacgtggg	gaaaaagact	360
gtcatttgga	aggagaaagt	ggaaatgcag	aggcagcgct	tcagattgga	gtttgagaag	420
catcgtggct	ttctggccca	ggaggagcaa	cggcagctga	ggcggctgga	ggcggaggag	480
cgagcgacgc	tgcagagact	gcgggagagc	aagagccggc	tgggccagca	gagcaaggcc	540
ctgaaggagc	tggcggatga	gctgcaggag	aggtgccagc	gcccggccct	gggtctgctg	600
gaggggtgta	gaggagtcct	gagcagaagt	aaggctgtca	caaggctgga	agcagagaac	660
atccccatgg	aactgaagac	agcatgctgc	atccctggga	ggagggagct	cttaagggaag	720
ttccaagtgg	atgtaaagct	ggatcccgcc	acggcgcacc	cgagtctgct	cttgaccgcc	780
gacctgcgca	gtgtgcagga	tggagaacca	tggagggatg	tccccaaaca	ccctgagcga	840
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gaggttctgg	tgggagaagg	agcagagtgg	ggtttagggg	tctgtcaaga	cacactgcca	960
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gggaatgagt	acatggtcct	tgcctcccca	tcagtgcctc	ttctccaact	ggaaagtcct	1080
cgctgcattg	ggattttctt	ggactatgaa	gccggtgaaa	tttcattcta	caatgtcaca	1140
gatggatctt	atatctacac	attcaaccaa	ctcttctctg	gtcttcttct	gccttacttt	1200
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tgatgtcttc	cttcaaatta	atgaccttgg	attacataag	gattttctatg	cattcattat	1620
aatttgttat	tcctttcaat	atccttgtat	ttcaaattct	ccatataaga	attagacatg	1680
gcaattctta	aattgattca	gaatgggtctg	atactattcc	agtatcacct	ccttaattct	1740
gtttctcttc	gttttctctga	ttttccttct	cattctctcc	ttccccgctc	tgtctctctc	1800
tcctgtcac	tctctctctc	togttcctta	ttttttgttt	cttacctctt	actgtttaac	1860
ctgttgcttc	ctcttgatt	aatacattta	gagccattcc	tttatatggt	cacatttctt	1920
atgactttac	tcaattactt	ttaaaatcct	ttctattctg	agactaattt	ttaagaatta	1980
caaagctcat	tcttctgaat	ctaatatcac	taactcctag	actttttccg	tttcttttgg	2040
atacacttta	agtaggaatt	tatcagaatt	ttcattcaac	tcgttcttta	atgcagatat	2100
ttactagtta	taagacctta	aggctgggtg	cagtggctca	cgcctgtaat	cccagcactt	2160
tgggaggctg	aggcgggtgg	atcacaagct	caggagtcca	agaccagcct	ggccaacatg	2220
gtgaaaccct	gtctctacta	aaaaaaaa				2249

<210> 3508
 <211> 2128
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2129)...(847)
 <223> similar to gi4929567 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3508

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tgccttattt	tagggcttcc	atgtaaaacc	tagttaaagt	acaaaaagta	aattagagaa	120
aaattctgct	taggtagtga	aaattgatag	caacttataa	gctgtatcct	taaaaacctt	180
gtcacagata	tagaattacg	taaagataaa	atgataagcc	tacttattgg	caagaaacag	240
gttaggccac	ttaagcagca	tgtttctacc	actatacaaa	tacatcgcca	ggtccaaaca	300
ttaaacacc	attcgattga	caacctttta	tttttcaact	taggtaacag	tccaaaatca	360
gtgtagattg	gcgaaaaact	aggcaaaaat	agcaaaaagt	gcagtttaat	ttagcaaagg	420
ctcaagacag	tatgtggaag	gaagggtgaga	tttccctcct	actgcgccaa	ggcaagcggc	480
agttactgcc	cgacagtaac	gatggtgtgc	gcacccccga	tgagaatgct	gctgcaacac	540
agactgggac	gccgcctccc	ccattagacc	tgccagctca	ttcgtgaaaa	tctaccagga	600
acacatcaat	gaaaaaaata	tgtcaaatat	gagttctctg	ttataagcaa	taaaatcaca	660
aaatcaactc	agatttgaaa	tttagggtaa	gctaggacaa	tttccactct	tttaatatat	720
agatatatta	gatttgacaa	tcgtttccac	atacactcag	acaggcctac	agaagaattt	780
caaatatcaa	atagagaagc	tgtaattcca	cgcacgttat	gacttcagtt	aattcttcca	840
gtgttttagac	ttcagagctg	ctaataacac	taaactcaat	accgtgtttg	ttgagtctgt	900
caatcaactt	tgttttggaa	aaagctgctc	cagggtgtgaa	gaccccgccc	gccttaggca	960
gatgagaagc	atcacttaga	agagtcattg	ctgcctgaac	catagctatg	ggggtagcca	1020
catagccagc	ctctggtcct	ttcacctgag	tacaaatttt	gatatttggt	ttgttcttat	1080
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caaacatcag	cttaataaca	gaggtgatgc	ctcccacagt	tacatacgca	gcatactgaa	1320
ctggtgatcc	ctctaaattt	tcatacaagt	aacgttgagt	cctccttaca	acagacacat	1380
cagatcccat	aaaaggaatg	gaataacctt	tgagttcccg	acaataagaa	attggccacc	1440
ttctcttcaa	ttttggacca	atgagcggga	cagggtttcag	atgtgatata	tttcttagtt	1500
ttctcaaatt	actctgatct	ccaaaacctt	aaattgctga	cttccaggta	ccatcatgaa	1560
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cattcatttt	atttctggta	tatattactc	ccagatctgc	tggaatggag	tcaaagccgc	1680
tgcttccaat	gatataaacc	cctttgtctg	cagctttctc	atgatacttc	agttgcatta	1740
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ctttttattac	aggttctcca	taaaaccgat	atggtcctac	gcaattgagg	acaactgttg	1860
cctgttttagc	catttcatca	agcgaggctg	gattagcaat	atcacagatg	atgattccaa	1920
cttcagatga	cagtgttggg	cttcccagct	tcaggggccgc	cttctccagc	accgctgca	1980
gcttctcccg	ggagcggccc	gccacggccc	agggcaggcg	ggagctccgc	tccgggtcca	2040
cctgctcccg	ggccacctcc	tcggtcacga	actggccggg	gaagccagac	gcgccgaaca	2100
ccaccaggtg	gaaaggcctc	tgctcggt				2128

<210> 3509
 <211> 1521
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1448)...(888)
 <223> similar to gil669601 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3509

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atagcgctag	caaataataa	catttccttag	ttctctttcc	ttctactacc	cttacagtgt	180
gtagaagacc	atagctgcaa	aatgcaggct	tgataacttg	agcaactgat	acattttctct	240
gattttgttt	aattatatac	ataaaggtaa	gaggcctttt	cacagggtatt	aattaagttt	300
aaaaataacc	gccatccaac	acaaaatagt	atttcttggt	atatttcata	aacagtctaa	360
caaaacacta	acaaagttat	tttgcttatt	attctgatgc	tggaataatt	tgggtcaaata	420
ttcataaata	gttatcaact	ttaccaaggc	acaaaaatca	agaatacatg	ctttctataa	480
actcatttac	tactttaaag	tttttaactg	tttagcagtt	ataggaaatt	tttttaatcg	540
aaaagaaacc	tatttacatt	tcaaatacaa	aagaaaatta	aaattattct	tgattgatct	600
ctaaaaccca	accacttaga	tgctcattat	tattattttc	tttcaccaat	ccagtatact	660
ctattcaaca	tgtgcaccc	gtgtacttac	taagcattta	tttgcaaacg	gattttctgt	720
gtcagggttaa	ctttgctgtg	tagattctgt	gtagctacct	gaattcgtcc	aagaaaaagt	780
ctcacatttt	ttggaaaacc	aatgctgcta	cactgtttcc	agatctgcct	ccaaagctga	840
acttggtgtg	tggtagctct	tcgagaagtt	caaatccctc	actgaattca	tttagcaact	900
cttccttggt	ccaattacat	gacgttatta	gaaaaaaagc	cttttacttt	caacaccctg	960
gagagagatt	tcacatattg	cttcctcttc	tcaattgcat	tgtcaggatt	aaggcttatg	1020
gcatcaaaag	tccctttgtc	aatacaaata	tgaaatccag	acagctgtgt	ggagagattc	1080
aaaaagtctt	ctaccttta	cttaatgtta	gataaacctt	ctttttctat	aatacttcca	1140
gaaagctgaa	ttgcagaagg	agagtaatca	attccagtaa	tattagagaa	accaaatttt	1200
gcaagttcaa	ccaggaaaac	accattttcca	gttccaatat	caagcactga	agcatccagt	1260
ggaatcttgt	gtttctgcat	ccaccttatt	agtcgattca	tactctcttc	tccaaaccag	1320
atttcacctg	tatctccata	ttctcggaaa	gtttgcagtt	ctctctcata	gacagcatcc	1380
caatgctcgc	gggtccccag	cgcgcagcgg	acgaaaccgt	cctccccggg	actgcccttg	1440
tccgaccgcg	ccgccaccgc	agcgccaccg	ccgcgcgcag	cgcccagcgt	catttcgctc	1500
cacgtcctgg	acggccggtg	g				1521

<210> 3510
 <211> 1929
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1932)...(276)
 <223> similar to gil354050 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 3510
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gatcagaaaag acttgaacac ttaccaagtg aataatttta ttaaggctcct gaagggtgagt 120
gtccggagggt gctgggtaaa acacatcaca ggtaagaaat gggaaaccta cctcagcatt 180
tctgaaaggc acaatctatg gaagggaac ctacgtaat aaaaccctca ctggatgtac 240
atggaaagga gtatggtgag ctatttcctt tttaaaggat gagaccttca taaattggcc 300
cctcggattc tgggtgattcc cgccgcaagc gcaaagtctc cagtgtgtta tgaaaatggt 360
tgttaatctg ctctgtttct tcaactggatt caagattcgg gaggtcttct cgaatctttt 420
ggataagctg gtttaaaacc tgaattgtta ccgcatcatt ttctttttca taaaaataga 480
tatatctggt cagaatttct ataaaaagct gcacttgtag agaggggtcc atgcactgat 540
ttgctatttt tagagctttt tttaggcact ccattaccct cttgcctccg tgaagctcct 600
ccccattttt gtccgtgttt ctgccagacc agaagagatg tgcacagggtg ctcacagctc 660
ggccctgate aggtttcttt agaagtttgg atgcagcaag ggcacactga gtcctcagag 720
gttcatgatt ctcttcaactg aagcacttca tcctttcaaa agtgccaatg atcaagggtga 780
tggcagctag ctgtgctttg gaatcgctga tttcatcttc atacagagaa aatgcctggg 840
acatgaattc atatgcgact gtctcatgat tttcaaaacc aatttcccca gcagctagtg 900
ctccttgaag aaaaagtctt aagggaatt ctgccagctc tgctttgatc aaagcactga 960
tagtctggtg ggcaaatgaa aaaatcttct ggcatcttct tcccatttg tcatccactt 1020
tagaattctc tttatatcga aaagccagct ggtaagctgc aaataccaaa ggtggcagtg 1080
tgaagcgaat ccgctgattt ccaccagctc caaaatgttt tcgtgctgtg ttcaaaatca 1140
agtactgctg gtcaggggtcc tcagagcgca gcagatgaat gaagcggccc acaaggctct 1200
gctcatcagc aaaatcttct ggatcagggt cttctacagg ttgatctggc tgatcttgaa 1260
tcaacgtgga taccaaattc attatggaat ccacctggtc ttgagagaca atttctgtgt 1320
tataatccag aacattacta agcacataac aactcatgct ctttctggac tcgtagtcaa 1380
agtactcaaa gagtgggtga aaatgtttta atttcaagac tgttaaaata ttgttgtaag 1440
tgtcaactgg tattttcaaa agtctggtga gttcctttga aactgcacta ctggtagcaa 1500
tatgttcaag gttgagctta ttgaatatct ccactgttgt ttctagaact ttatcaacat 1560
agtccacacg atcagggtaa catttcatgg caagattaat cagagagact tgtaaagata 1620
caacatcctc tgaaggcatg tcttgtctag actgtatcac tgtagccacc tgctgtgaaa 1680
atatatcaaa aagtttaata tccgctggga ttccagggtc atcttcacgg tgagcaaata 1740
aagctaactc atcaattaaa gcaatgatta tgttcttcac atttacattc tgggtgtaact 1800
cagcacaggc ccgaagaaaa ggattcaaag tctggagggtg aaattcatca gggaaaacct 1860
gaataataca ctccatgaga tattcttgag ccaaagcatc cctacagttt acaacttgct 1920
ccaatatgc 1929

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<210> 3511

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (859)...(104)

<223> similar to gil654000 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


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cagaagagga ttcttgattt gcagtctaaa ttaattattg cagtagatgt tgccaaaggc 1380
atggagtagc ttcacaacct gacacagcca attatacatc gtgacttgaa cagtcacaat 1440
attcttctct atgaggatgg gcatgctgtg gtggcagatt ttggagaatc aagattttcta 1500
cagtctctgg atgaagacaa catgacaaaa caacctggga acctccgttg gatggctcct 1560
gaggtgttca cgcagtgcac tcggtacacc atcaaagcag atgtcttcag ctatgctctg 1620
tgtctgtggg aaattctcac tggcgaaatt ccattcgctc atctcaagcc agcggctgcg 1680
gcagcagaca tggcttacca ccacatcaga cctcccattg gctattccat tcccaagccc 1740
atatcatctc tgctgatacg aggggtggaac gcatgtcctg aaggaagacc cgaattttct 1800
gaagttgtca tgaagttaga agagtgtctc tgcaacattg agctgatgtc tcctgcatca 1860
agtaacagca gtgggtctct ctcaccttct tcttcttctg attgcctggt gaaccgggga 1920
ggacctggcc ggagctcatgt ggcagcatta agaagtcggt tcgaattgga atatgtctta 1980
aatgcaaggt cctatgctgc tttgtcccaa agtgctggac aatattcctc tcaaggctctg 2040
tctttggagg agatgaaaag aagtcttcaa tacacacca ttgacaaata tggctatgta 2100
tccgatccca tgagctcaat gcattttcat tcttgccgaa atagtagcag ctttgaggac 2160
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ttttgtaaat taataaaaaa ttagatcgt tacttgaaa tggagcctaa gtctgtgggtg 2460
gacagataat aattatgttt tctgtggctg aattatgtag acttgtgttt gacagctatg 2520
ggtttatttc ttagaacatt gttcattttc ttttctcatt atgttacttc tagtgttcac 2580
ctctgtgatt aaagattctt tggtgaaata gaa 2613

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<210> 3513
<211> 5264
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5265)...(155)
<223> similar to gi3015538 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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cagccgctgg ctggaccagc acacgctgac ggggccggac tatttacagg cccattgagg 120
gctgtacctt ggccacctcc cggcacgggtg ctgagctgtg acgcaaaaat aagttagggc 180
cggccggggc ggccggggcg gggacggggg ctgtacacac aagtgtctggg ggctcggggc 240
ctcaatactg tcgaggcccg gggctgtaaa catggccggg gcggccctgc ccacccttag 300
tggtcggtaa cgaccggaag cagagcagcc gggcagggct gggaggctca ggcgtccgac 360
aggcagctct ggatccggtc caccactgct tgggccgagg gcacgtcctg ggcacagaag 420
ttgtaaacgc gacgcgttgt cttcacgtca aagaaggcct tctcgccac ggtcttaggg 480
gcacccatag tggcggtgcc aggtgccaca gcctccacct ccgccaagta gatgacacc 540
ttgactctgt tgtccacacg gtggctgtag tagcgcagct ggtgcttggg cttgtccagc 600
acgaaccagc gggccttcca aggttcatg aaggccccct tctgttacag agtgcctctg 660
taggacctgt tctactctc tgctgtctgg aactggctgt acaggggtgt ggtgctgcgg 720
cgggcagcct gacgggagcc ggatgtgggt gagccactac tctggctgct gtccaggctg 780
aggctcaggg tggagcccac gggccccctc tgcaggtaca caccagcga gcgacgggtg 840

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tgggggtgcgg	tggacacaag	gagggagcta	gggggtgccac	ggcggctctgg	ccggccctcg	900
aggcgctgtg	cagccttcac	ccgggtcccag	gtgtccttcc	agcgctcagc	gggttggccc	960
aactctgtct	ccagcctctg	cagctcctcc	agcaggcggtg	agatggcgtc	aggctgggcc	1020
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gtcctcttgc	tcagccggtc	cacatactcc	cacacagacc	tgcacggcac	ctggccctcg	1320
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aggaagggtcc	ggaaacggcg	ggacacatgg	tggtagccga	ggaaacttgag	gtagaactgg	1440
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gacacctgca	gcagcttgtg	gatctggatc	agccactctg	agtcctccag	tgagcgagc	1800
aaggaggctg	ggctgggctc	agcagcgggg	cagcctggga	cacatgcttt	cagcagtttc	1860
ttgaagctag	ccttcacctg	ccgtgcctcg	aatacctcaa	tgggcaccag	ctccactgc	1920
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gctcgctgcg	gacgcaggaa	gcccgggtcg	ggaggggccc	cgttggcctg	gggtggggcc	2040
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<210> 3514
<211> 3376
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(2332)
<223> similar to gi3043740 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3514
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<210> 3515

<211> 1824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (17)...(1309)

<223> similar to gi414115 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3515

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agaataattc tgccaaaaaa aaaa 1824

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<210> 3516
 <211> 1992
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1993)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (1995)...(154)
 <223> similar to gi2988397 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3516
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ggttagcctt tc 1992

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<210> 3517
<211> 1960
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1962)...(1307)
<223> similar to gil510143 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3517
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gaatgaaaac tacatttcaa tcataaattt ttcattgctac attgttattt aatgaagagg 180
ttgtattacc aataataata atttaagaaa aggccatttt tatttcccca agctcaatat 240

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acataatttct	ttcataaatta	tgaactttaa	aaaaccgcgc	tcagatgtaa	aaatgtgaat	300
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aaaaaaccgt	tcctgacctc	agttttttaa	aaggttccaa	gttttttttg	gccccctggg	480
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gcccaggaac	cccagacttg	ggggactgac	tttgtcattg	aagaccacca	gttccagggc	1620
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atatttagtt	gtattgtctc	tggacaaaa	gatggttaata	tccatgaaat	tattttcaga	1740
taaaagttgc	tttatagggt	ttgagttaga	atcactaggt	gctttcacat	aatatggata	1800
aatcttttct	atgggtcactg	gtgtttttga	actttctgtg	ctgttgctctg	ctatcatttt	1860
agcgatatct	tttcgagtaa	tatttttaag	aggaaaagaa	agcttatctg	ttgctatttc	1920
cgattttgca	cccagactta	agtttctctg	aatactccat			1960

```
<210> 3518
<211> 1031
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (940)...(426)
<223> similar to gi2228750 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3518					
tttttttttt	ttacagataa	aaacacttta	tttaaaagta	taaaaccagg	cttactcctt	60
caaactgctc	ccacccttaa	ttatctccac	aaagagctat	ataaattggg	caggggatg	120
tgtacagtca	tctcagctct	aacaacccca	gttcttcttt	caattctcct	ttctcccttc	180
atacaattga	gatgtttgtc	ctttgcactt	tccccagat	agcaaagggtg	atacaaatgt	240
ggaaggaggg	gaagtgtaga	aaataaaactg	tcatcatcct	ctattcccat	ctccagggaa	300
cagacagatt	atatgaactc	tgaccaaatg	atttgcttgt	ctgaagaaac	aaataatagg	360
tacagttact	ctctgtatcc	taaagaaaga	cacgagggtc	cagagtcctt	cttcagtata	420
tagcctcgtc	catattgtca	tactgtcac	caccaaagtc	ctctccattg	tcaaaatatg	480

```

acatgatgta atcagtttcc tcttcatggt cttcttcac atactcttct tcttctctct 540
cttctctctc ttcttcttct tcttctctct catctctctc tgaagttact tcttcttctct 600
tcttctccag ggtctctagt ttctgtattg tttctctctt atcttctgtg gtcttagggg 660
gcctcttggg gagcagaatt gtaatccgtt cttctctgtg cttccgcact cggatcttta 720
gctcccgggg tagacgccgc caatcagggt tccaatcgat ggcattgtca atcggacctg 780
acatctgata tttgtctgaa taacgctcca catctctctt ggggacagct ggccggatga 840
agtaggggag ctgcctcatg gctcctcgta gctcttgctt cagtgccagg acatattccc 900
cttctctgcc tgagggcaaa ggtactgggc gcaactccaa gggctgctgc ccctccccaa 960
agcggagccc aagccgcgac caacttgaaa tgtactgggc ttcctcaagt cgacacggca 1020
ccacactgga c 1031

```

```

<210> 3519
<211> 754
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (731)...(55)
<223> similar to gi673456 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3519
tttttttcac caaacaaaac aagattttta atgtgataat ggattgccta tttcacatgt 60
taaattgctc tatgcaggga gatttcacaa tccaggatcc atagccatgt tgttgtaagt 120
aggatttcaa cttacattta gcttcttgat aggaggcaga catacactta gctgcatgat 180
atgtaccagc ttcaagtaat tcttttttag cttctttggc aagcaggtta aaccgactta 240
acatttgcag ccttacaaag cgcacttgcc attgacatac cactttttaa tggggaactt 300
tcaagtgate ttccactca ggccatccac aatctccaaa gaaacatctc cttggtgccc 360
aattcagact cagaaattta tattccaagt tcatttgaag gggatatgca gaggggtacta 420
aactaatatg aggtctgttg actaagtaaa acattggaag ttttgaagtg agtgcacatc 480
caacacgttg ctttatagcg atttctaagc ctctggtatc actgcaattc ccatcaccaa 540
taagtatact gctgatgtaa actggctgta taaaatgact cagcaatgct ccctgtacac 600
caagcacttc ccatctggtc aatttgtcac ttgaggacat actgcttatt ctattaacac 660
catcttttag acagtaaaca gtcagataaa ttttgccttc aacagccacg tggagacaga 720
gttcttcatt cggacgcgtg ggccgacgcg tggg 754

```

```

<210> 3520
<211> 1815
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(1815)
<223> similar to gi4529897 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 3520

acctccaggc	tgcaaaactg	gcccttctag	cctccatcca	ggccttcagc	cttctgcgaa	60
gccgcctggg	agacagggat	ttctccaggc	tgctggacat	caccccagcc	tccagcctga	120
gctttgtcct	ggacaccacg	ggcagcatgg	gtgaggagat	caacgctgcc	aaaatccagg	180
ctcgccacct	tgtggagcag	cggagaggca	gccccatgga	gcctgtccac	tatgtcctgg	240
tgccctttca	tgacccaggg	ttcggccctg	tctttacaac	cagtgaccct	gacagcttct	300
ggcaacagct	taatgagatc	catgccttgg	ggggtggaga	cgagcctgag	atgtgcctgt	360
cagccctgca	gctggccctg	ctgcacacac	ctccactctc	agatatcttt	gtcttcacgg	420
atgcctcccc	caaggatgcc	tttctacca	accaggtgga	atccctgact	caggagcggc	480
gctgccgggt	aacattcctg	gtgactgaag	atacatcaag	ggttcagggt	cgagctcggc	540
gtgagatctt	gtccctctg	cgttttgagc	catacaaaagc	agtggccctg	gcctcaggag	600
gagaggtgat	cttcaccaa	gaccagcaca	ttcgagacgt	ggcagccatt	gttggggaga	660
gcatggctgc	cctggtgact	cttccctgg	accctcctgt	tgtggtgcct	gggcagccac	720
ttgtgttcag	cgtggatggg	ctgctccaga	agatcacagt	ccggatccac	ggagacatca	780
gcagcttctg	gatcaagaac	cctgcagggg	tctcccaggg	ccaggagaag	cgggggctct	840
ctagtcaac	tcgccgcttt	gggcagttct	ggatggtgac	catggatgac	cctccacaga	900
caggaacctg	ggagatccag	gtcacagctg	aggacacccc	tggggtgaga	gtgcaagccc	960
agacctccct	ggacttcctc	ttccactttg	ggatccccc	ggaggatgga	ccccaccctg	1020
gcctctaccc	cctgactcag	ccagttgcag	gtcttcagac	ccagctgctg	gtagaagtga	1080
cagggttggg	ttccagagcc	aatcctgggg	atcctcagcc	gcatttctcc	cacgtcatcc	1140
ttcgaggggt	cccagagggg	gccgaactag	gccaggtgcc	cttggagccc	gtgggacctc	1200
cggagcgagg	tctcctcgca	gcctcgctgt	cgccacgct	gctgtccacc	cctagaccct	1260
tctccctgga	gctgattggc	caggacgcag	cggggcggcg	cctgcacagg	gctgcccctc	1320
agcctagcac	tgtagtccct	gtccttctgg	agcttagtgg	cccctcgggt	ttcttggccc	1380
cgggcagcaa	agtcccgcct	agtctccgca	tcgccagctt	ctcgggccct	caggatcttg	1440
accttaggac	tttcgtcaac	cccagcttct	ccctcacctc	caacctctcc	agggctcacc	1500
tggaactgaa	tgagtcggcc	tggggccgcc	tgtggctgga	gggccagat	tcagcggccc	1560
cggattccgt	ggtgatggtg	actgtgactg	caggggggacg	agaagccaac	ccagtacccc	1620
cgactcatgc	tttctccgg	ctcctggtat	cggccccagc	cccgcaggac	cggcacacca	1680
cccctaccgg	ctcatctgac	ccgatcctca	ccacggccac	ccctgccttt	tcccccttca	1740
cattggtgac	tcaaggcagg	gctggggcag	ggctggctgc	gggcagcccc	tggtggggca	1800
cagttggagg	ggtgc					1815

<210> 3521

<211> 1811

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1737)...(855)

<223> similar to gi3387971 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3521


```

tttttttttt tttatatata aaactgcttt attaaaaagt cagctattag gaaaacaaag      60
cccttacaag ggttctatca aaaagtacaa attttaaata aatgcatcag aaaaatggca     120
gccagatata ccagccacag tcacaacctc aaaggccttg tggggaagga agggagaatt     180
agggaggagg ttccgagaac tcaaggaaga ggctgggcac agaggggtctt tgggtgcctg     240
cagagctggg tcctggagct accaggcaag aaccctgctt ccgttttcct ttccttggaa     300
aaatgtaaag aactggcagg tgtaggaaat tttgagactg gagcagaaag gcacaaaagt     360
catttataag gtatgattgc tcaacttagt cctgaggcac atgggggtgga taaatggggg     420
atcagagcca cagggtccct ggctctggtc atgcttgccc ctgggtggta ccatctctga     480
gtttggccac aggttaaatt aaggtagacc aagtggactg cataatcctg gcagcccggg     540
gtctggagcc agtctttaga tcagatgtgt tgcttcattg gcaaaactgt gtctgcccc     600
caagagatcc ccccaatgag gagcagcagg tctcctgect agccctgtcc tctgagtcac     660
tgtgggtgcc caccctggac aaggaaacttc tgagggcagt ctctgccatc caggatcctg     720
agaagcccc aagccccagag ccagagtctc tccgaatgac aggcagaagc acagaaaagt     780
ggcgttgaaa ccagtcccc ccagctgctg gccccacacc catggctact gctgacacgc     840
ctccttggtg acattaggca gtgggtaggc aaagaggagg aagtccagga tatacttagg     900
cagcacatcc tgcagcaggg cccggggggc actgcacaag tggtaatgca ggctttcggg     960
gctggctggc cggtagcagg cctggcgagc tggaaatcgg acgtgagggt gtgcccgtac    1020
ccactccagc acctgatttg catcagcctc cagcctctca taggagccca caaagtcata    1080
gtgcacggca caaggctggc acagggtggt caccgggcac caatgctcat tcatgcgctc    1140
agggctctca tccaccaggt atctcaggaa ctcggggaat gtgacatcgt cgctgcagg     1200
gctgggcccc gctccagccc tgtaccgcct cactatctca gcccacatagc gttgctggta    1260
ctctcggatc tcgccaaact tgttgcggtg ggcagagagg aggcgttcca agggctcccg     1320
cacaaacagg aacttaaagt agtgcctgcg gcggtagcga atctcctcag gccgcaggtc     1380
ggccaggaac accagggtcac tgcggtggtc catcttgagg cggacgtcca cgctgtccag     1440
gacgcctgcc agcaccttca tccccgcctt ccagttagag caggccacct tggggacgta     1500
gcagtagagg aagcggtaac ggtcacttac gaggatgtgg cgcagcaggg tgcgccgctg     1560
ccccaccggc aagtcccagg ggtcccgggg catgcctggc tgtccgcaca ccgcccgag     1620
ggtcctgttc cggacgtcct gccgcacttg caagtccgcg tccccagccc tgagggacag     1680
gccccaggc ttgggggctt tcccgcgcca ggctgtgccc tcgcggccgg gcgggtgcag     1740
gggcaggggc ttcttctcgg ccaggatgcc ccgctcgatt atgagcagca gcccgctgga     1800
ggccacgata t                                     1811

```

```

<210> 3522
<211> 1522
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (51)...(1377)
<223> similar to gi4580995 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3522
ccacacgcgt ccgccacgc gccgataga tgtacatcgc gagcggggcga cttttctgtc      60
cctcgttcgg ctgtccgcgc tctcgcacca gccctactg cgcgcccgtc ctctacgcgg     120
gcctgctgct actcggcctg gccgccagct ccgtgctggag caacctcacc tcttctcggtg     180
ccgaccaggt gatggatctc gcccgcgacg ccaccgcggc cttcttcaac tggttttact     240
ggagcatcaa cctgggtgct gtgctgtcgc tgctgggtgg ggcgtttatt cagcagaaca     300
tcagcttctc gctgggctac agcatccctg tgggctgtgt gggcctggca tttttcatct     360

```


<210> 3524
 <211> 1944
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(732)
 <223> similar to gil644455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3524
 cccctcctcc cctcctctc cctaatacaag taccctctcc tctccacca cctcctgccc 60
 caccctcccc tgcatctgga ttcttttttg catccatgtc agaagacaat cgccctttaa 120
 ctggacttgc agctgcaatt gccggagcaa aacttaggaa agtgtcacgg atggaggata 180
 cctctttccc aagtggaggg aatgctattg gtgtgaactc cgccctcatct aaaacagata 240
 caggccgtgg aaatggaccc ctcccttttag ggggtagtgg tttaatggag gaaatgagtg 300
 ccctgcttgg gccaggagga gaagaattgc tgaaggagg tcaacattag aaacagaaca 360
 aaaagaggac acaggtgaag attcagagcc tgtaacttct aaggcctctt caacaagtac 420
 acctgaacca acaagaaaac cttgggaaaag aacaaatata atgaatggca gcaagtacc 480
 tgttatctcc agacgggatt ctccaaggaa aaatcagatt gtttttgaca acaggtccta 540
 tgattcatta cacagaccaa aatccacacc cgttatcaca gcccagtgcc aatggagtcc 600
 agacggaagg acttgactat gacaggctga agcaggacat tttagatgaa atgagaaaag 660
 aattaacaaa gctaaaagaa gagctcattg atgcaatcag gcaggaactg agcaagtcaa 720
 atactgcata gagggaccag actaaggaga gataggactt taatctggag gaaaaatata 780
 ctacaaacaa caactgttca caacagcaaa cccctacatt tatgagctgt aagaagaaaa 840
 tggagacaaa cagaaggagg gaaaaaccaa cctactctga aagccttcag acattatgac 900
 tctggtgata agctctttcc ctctccgttt gctgcttttt tctggccttt acaacagaat 960
 ggaagagaat catttaagag ttctgtgaac agttatgcag aaaataactaa aaccatcag 1020
 gcaagatcac cacgcattga aatattttca tatcaagata aagtcgcaca ttttccacaa 1080
 tacattgcta aaataaagag gagaaaggct taggaagttt ttttgcagag agtgctggta 1140
 aagaattgag caagtttgct attgtattgt aatgtttctc tcaggtttgt tcttcctatc 1200
 atgtttgata ttccatgaat aattgagatc agccctatgt aagttaagat cataatatgt 1260
 ggaacaaatg gaattgtaag tgctttcaaa gggtaatat tataagaaag tgtccgaaaa 1320
 atgtttcttc agcttgagaa attttagaat gataggaagt ttctcgagtt agccttcatg 1380
 caattttgta gattaaaaca taaaatttgt ccagaactta aagatttaga tgccttccta 1440
 aattgttaca atgctttacc aaatctatga cttctacata acacaaacca gtggtcaaat 1500
 gtaaacacta tattgtagat ttactgtagg ttttcaacct tttttagatt tatgcatgtg 1560
 gacattttta taatgtaatt acaatcacca caaggtagc ttttttaatt gcagacagta 1620
 atgcatgtca cactaatatg tagtggcctt ttcaaggcct agtcccaggg aaaacatttt 1680
 gtagagtata ggggagtgagg aggaagggga ggaataattt ttattttaaa gttgatttct 1740
 gcactatctt tttctcagtt acctgcatga ataaataatg agaaatatatt tgtgacttta 1800
 attggtaaat atgttacaaa accaagtact taatctttta catcatgtct tcagctatct 1860
 gtatttttaac cagtaatttc aatggtctga aacatgattc tgagcttcac ataatatctt 1920
 aactgtggaa ctcaaaagtt tgat 1944

<210> 3525
 <211> 3671
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(3638)
 <223> similar to gi3928000 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3525

atggatccgc	cggcgggagc	cgctcgccgc	ctgctctgcc	ccgcgctgct	gctgctgctg	60
ctgctgctgc	cgccgcgct	cctgccgcgc	ccgcgcgcgc	ccgcgaacgc	caggctcgcc	120
gccgcgcgc	acccccagc	cgggcccctg	gggcacggag	cggagcgcat	cctggcggtg	180
cccgctgcga	ctgacgcca	gggcgcgctg	gtgtccacg	tgggtgcggc	agctacgtcc	240
agagcagggg	tacgagccc	cagggccgc	ccggtccgga	ccccgagctt	ccccggaggc	300
aacgaggagg	agcctggcag	tcacctcttc	tacaatgtca	cggtctttgg	ccgagacctg	360
cacctgcggc	tgcggcccaa	cgccccgcctc	gtggcgcccg	gggccactat	ggagtggcag	420
ggcgagaagg	gcaccacccg	cgtggagccc	ctgctcgcca	gctgtctcta	cgtcggagac	480
gtggccggcc	tagccgaagc	ctcctctgtg	gcgctcagca	actgcatggg	gctggctggg	540
ctgatccgga	tggaggagga	ggagttcttc	atcgaaccct	tggagaaggg	gctggcggcg	600
caggaggctg	agcaaggccg	tgtgcatgtg	gtgtatcgcc	ggccacccac	gtccccctct	660
ctcggggggc	cacaggccct	ggacacaggg	gcctccctgg	acagcctgga	cagcctcagc	720
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ttccacggga	aggagcacgt	acagaagtac	ctgtgacac	tcataaacat	tgtcaatgaa	900
atctaccatg	acgagtcctt	gggtgcccac	atcaacgtgg	tcctggtgcg	gatcatcctc	960
ctgagctatg	gaaagtccat	gagcctcatc	gagatcgcca	acccctctca	gagcctggag	1020
aatgtctgcc	gctgggccta	cctccagcag	aagccagaca	cgggccacga	tgaataccac	1080
gatcacgcca	tcttctcac	acggcaggac	tttgggcctt	ccggcatgca	aggetatgct	1140
cctgtcaccg	gcatgtgcca	tccggtccgc	agctgcaccc	tgaacatga	ggacggcttc	1200
tcctcagcgt	ttgtggtggc	ccatgagact	ggccacgtgc	tgggcatgga	gcacgacggg	1260
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gccgccttcc	accgcttcca	ctgggtccgc	tgcagccagc	aggagctgag	ccgctacctg	1380
cactcctatg	actgcctgct	ggatgacccc	ttcgccacag	actggccggc	gctgccccag	1440
ctcccgggac	tgcactactc	catgaacgag	caatgccgct	ttgacttcgg	cctgggctac	1500
atgatgtgca	cggcggttccg	gacctttgac	ccctgcaagc	agctgtggtg	cagccatcct	1560
gacaaccctt	actttttgaa	gaccaagaag	gggccccctt	tggacgggac	tatgtgtgca	1620
cctggcaagc	attgttttaa	aggacactgc	atctggttga	cacctgacat	cctcaaacgg	1680
gacggcagct	ggggcgcttg	gagtcogttt	ggctcctgct	cacgtacctg	tggcacgggc	1740
gtgaagtcca	ggacccgcca	gtgtgacaac	ccacaccggg	ccaacggggg	ccgcacctgc	1800
tggggccttg	cctacgactt	ccagctctgc	agccgcagag	actgccccga	ctccctggct	1860
gacttccgcg	aggagcagtg	ccgccagtg	gacctgtact	tcagcacagg	cgacgcccag	1920
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tccagggaga	ccggggagg	ggtgtccatg	aagcgcatgg	tgcattgatg	gacgcgtgc	2040
tcctacaagg	acgccttcag	cctctgtgtg	cgcggggact	gcaggaagg	gggctgtgac	2100
ggtgtgatcg	gctccagcaa	gcaggaagac	aagtgtggcg	tgtgcggagg	ggacaacagc	2160
cactgcaaag	tgggtcaagg	cacgttcaca	cggtcaccca	agaagcatgg	ttacatcaag	2220
atgtttgaga	tcctgcagg	agccagacac	ctgctcattc	aggaggtaga	cgccaccagc	2280
caccatctgg	ccgtcaagaa	cctggagaca	ggcaagttca	tcttaaatga	agagaatgac	2340
gtggatgccg	gttccaaaac	cttcattgcc	atgggcgtgg	agtgggagta	cagagacgag	2400
gacggccggg	agacgctgca	gaccatgggc	cccctccacg	gcaccatcac	cgttctggtc	2460

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tatcctcctg	ggctgggttg	gggaccagcc	ggcagttgtc	tgggccaggg	ggcaccaggt	1020
ctgggatacc	atcattgtca	tcatcatcat	cacactcgtc	accaattcca	tccttatcgg	1080
tgtccagctg	ggcactgtta	atgacggtgg	ggcagttgtc	tgtgctgtcc	tgggtgccc	1140
ctccatcact	gtcctgattg	gtgtcacagg	agtccccaac	cagatcatta	tccacatcag	1200
actgggttagg	gttgctgaca	tcaggacaac	tggtcacaggc	atccccca	ccatcaccat	1260
ccttggtccc	ttgggtcacga	ttgggaaatt	ttgggcagta	cgaaat		1306

<210> 3527

<211> 5940

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(5824)

<223> similar to gi4808815 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3527

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gaaagggagc	gaattgaagc	ccagaacaag	ccttttgatg	ccaagacatc	agtctttgtg	120
gtggacccta	aggagtcctt	tgtgaaagca	acagtgcaga	gcagggaagg	ggggaagggtg	180
acagctaaga	ccgaagctgg	agctactgta	acagtgaaag	atgaccaagt	cttccccatg	240
aacctccca	aatatgacaa	gatcgaggac	atggccatga	tgactcatct	acacgagcct	300
gctgtgctgt	acaacctcaa	agagcgctac	gcagcctgga	tgatctacac	ctactcaggc	360
ttgttctgtg	tcactgtcaa	cccctacaag	tgggtgccag	tgtataatgc	agaagtgggtg	420
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Run with FASTXY 3.3t00, default parameters

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<210> 3531
 <211> 2004
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (6)...(988)
 <223> similar to gi3127193 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 attaaaaataa ttttaaaaaa aaaa 2004

<210> 3532
 <211> 4490
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (4493)...(772)
 <223> similar to gi4240307 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 3533

<211> 2333

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2304)...(712)

<223> similar to gil694688 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 3534

<211> 2313

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2311)...(1475)

<223> similar to gi4589652 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gaccgcagtg cacacacaca ggtcttggtg gctgaggtag ctgaagacgg ccatccacac 2280
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```

```

<210> 3535
<211> 1319
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (251)...(734)

```


<223> similar to gi540535 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3535

```

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aggtaaactgc atcctgccc gcatgacggc cccctgcccg ccgccacctt cagacccccca 180
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cctgtgggac ctgcgaggag gcaggagcgc tgtcgtggac tccgtgtgct tggagagtgt 480
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```

<210> 3536

<211> 2304

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2290)...(1254)

<223> similar to gi3403236 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3536

```

tttttttttt ttttaatggg gtttttcttt taataagggt ttttactcaa aagtgtagct 60
ttgaaaatct ctagcttggt gtgaaaacca ggaaagccaa ggagctgcct cacactgcac 120
accaccacgt gtaagctgtg ggccgctgtg gtgtttgcaa actctccatt accaaggctg 180
gaatcaaatt caccacttta aaatcagagc caacatttta aatttaggag gatgatgcat 240
gtcctacttt tgattcaagg agaaaggaca agttcttagg tacaggtaaa acaaaacaca 300
aaagtaaaca aatctttaga aatcactata tatatgtgtg tttatatata tttttttata 360
taattaggat tatcatcatt tcaaactatt aaaaataagg ttgccacctt accttttctt 420
ttggtaatgg ggtgttattt tttttaagag aaaaaaccaa acattttgcc cagactctag 480

```

agtttcccaa	cttcaattct	gttttctgct	gtgcaacttc	cccacettca	cgctgtatcc	540
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aagatgacag	gcccacaaaa	gtacagctga	gacgggaact	gaattcttcc	ccaggaagaa	660
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<210> 3537

<211> 5048

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5049)...(1236)

<223> similar to gi3947690 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3537

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ttttagtaga	gatgggggtt	caccatgttg	gccagcctgg	tctcaaaactc	ctgacctcaa	240
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gatcataaat	aatctacat	aaaagattta	acagaattac	aaagagtttt	gtgttccttt	540
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gccgacat 5048

```

```

<210> 3538
<211> 606
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (40)...(423)
<223> similar to gi2302524 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3538
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agaaaggacc gcatacgccct ggttctcatc atatgcaata aagagtttga ccatctgcct 120
ccaagaaatg gggctgactt tgccatcatg gagatgaaga agctgcttga ggatctgggt 180
tacagtgtgg atgtagaaga gaatctgaca gccaggataa cgtgtccagg agagacagca 240
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tccaaatgcc caccatagaa cgagtgtcca tgacaagata tttctacctc tttcctgggc 420
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tattggagca ggaaaccaca agcagccag ccctccttta tcaacttcaa gaaacacctt 540
tactagtaca gattgaatgc ttaacatttt gtatttcaat aaagggtgaag acaaatgaaa 600
aaaaaa 606

```

<210> 3539
 <211> 559
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (465)...(294)
 <223> similar to gil247386 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3539
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 cctgagtggg ctctgatggg tgggagggcc caggtcctgc ctgcccaccc agggcccaca 180
 tgccagggcg cgtgtctgca tggccacca cagctgaaaa caggcgtggg cgatctgaag 240
 ccctgtctgt gttctactgt ggcagaaagt gcccagctcc ttccagcggg tttgggagca 300
 ggatggccac aaggggggtgc tgctggccca gggcttgga gctgggggtg agggtagcct 360
 ggagatccag ccacccagaa cagtccttt ctgaagacaa gccagcaaca aggcacctgc 420
 aggcagttct ggggactggg gagggggcgc tggctgcctc aggtgtcccc tccaagggc 480
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 tggtaggtggc agaaccag 559

<210> 3540
 <211> 986
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(987)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(662)
 <223> similar to gi2959884 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3540
 ggcacgagac gcagtgggct atccagaagc agcaatctca gggtaaccag aactagagct 60
 gctcaaagaa aaactgggtcc cgtttcatta gcaaattgat gtggcagaaa agccactcga 120
 aagagagtct atttaagtga ttctgataac aattcattgg agactggtga aattctaaaa 180
 gccagagctg gaaataaccg aaaagtctta aggaagtgtg ctgctgtggc tgccaataaa 240
 ataaagctaa tgagtgatgt agaagagaat tctagctctg aaagtgtctg ttctgggtcgg 300
 aagctgcctc accgcaatgc ttctgctgta gctagaaaaa agttattaca taattctgaa 360

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<213> Homo sapiens

<223> similar to gi2565069 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<213> Homo sapiens

<221> misc feature

<222> (4493)...(772)

<223> similar to gi4240307 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3542

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ggccgtgcag	ccctccccgc	ggcgccttaa	atagattctt	cactatactc	tgtatgttac	180
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cagcttcttg	gggagaaaga	tcttcagggtg	gtggctggtt	tcagcaacct	cgggtggtgc	4380
cttggtattc	atggtgaggg	ctccaggggg	caaggtcacc	cccggcctga	ggggccgggg	4440
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<210> 3543

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (67)...(318)

<223> similar to gi4929597 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3543

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gtgtcatcag	gatcatgctt	tgccctggag	taacctgaat	catctaaaaa	acacggtctc	180
aacctggcca	ccgtgggtga	ggcctgacca	ccttgggaca	cctgcaagac	gactccaacc	240
caacaacaac	cagatgtgct	ccagcccagc	cgggcttcag	ttccatatatt	gccatgtgtc	300
tgtccagatg	tggggttgag	cgggggtggg	gctgcacca	gtggattggg	tcacccggca	360
gacctagggg	aggtgaggcg	aggtggggag	ttggcagaat	ccccatacct	cgcagatttg	420
ctgagtctgt	cttgtgcaga	gggccagaga	atggcttatg	ggggcccagg	ttggatgggg	480
aaaggcta	ggggtcagac	cccacccgt	ctacccctcc	agtcagccca	gcgcccattc	540
tgcagctcag	ctgggagcat	catttctctg	ctttgtacat	aggggtgtgt	cccctggcac	600
gtggccacca	tcatgtctag	gcctatgcta	ggaggcaaat	ggccaggctc	tgctgtgtt	660

<210> 3545
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (138)...(494)
 <223> similar to gi5596693 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3545
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 caccaagctc agccccctct gccctctggt gagtctcctg agtccctttg gagtccctct 120
 cttgctccca tgcagacaac tgggaagcagg agctgacaaa attcatcagc cccgaccagc 180
 tgcctgtgga gtttgggggg accatgactg accccgatgg caacccaag tgcctgacca 240
 agatcaacta tgggggtgag gtgcccaaga gctactacct gtgcaagcag gtgaggctgc 300
 agtatgagca cacgagggtcc gtggggccgag gctcctccct gcagggtggag aacgagatcc 360
 tgttcccggg ctgtgtgctc agatgtcctg aggttttaca acacctacag cctgggttcat 420
 tctaaacgca tcagctacac cgtggaggta ctgctcccag accaaacctt catggagaag 480
 atggagaaat tctaggtgaa cctcatggtc cccacaccct cctctttgat ctctgaatcc 540
 acaatgagtt cacagccttc cctggccaga ccctgttcaa cctctcagga acagggattc 600
 tacaaca 607

<210> 3546
 <211> 907
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (265)...(747)
 <223> similar to gil256001 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3546
 tccagtgtgg tgggaattcgg gctgtcagtg ctcgaggaggc tcttcctgct ctttgtgctg 60
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 cgaagggaatc tcgaaacacg caacttggat ccggagaatg gcagtgggat ggcccttcag 180
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 ccaccagctc tggccccctc tgggcaccaa ggccacagtc atgggcacca ggggtggcact 300
 gatatcacgt ggatgggtcct cctgggagat ggtctacaca acctactga tgggctggcc 360
 ataggtgctg ctttctctga tggcttctcc agcggcctca gtaccacctt agcggctctc 420
 tgccatgagc tgccccacga actgggtgac tttgccatgc tgctccagtc agggctgtcc 480
 tttcggcggc tgctgtgctg gagcctcgtg tctggagccc tgggattggg ggggtgcagtc 540

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ctgggggtgg ggctcagcct gggccctgtc cccctcactc cctgggtgtt tggggtcact 600
gctgggggtct tcctctatgt ggcccttgtg gacatgctac cagccctgtt tccgtcctcc 660
ggagcccctg cctacgcccc atgtgctcct gcaggggctg gggctgctgc tggggggctg 720
cctcatgctt gccataaccc tgctggagga gcgggctactg cccgtgacca ctgagggctg 780
atggggccag tggaaagggg tcgggttgcc cttccttccc cccaaccaca ggaatggagg 840
cgggacacag ggccagtagg agcaatagga ttttaataaa cagaacccat ccaaaaaaaa 900
aaaaaaa 907
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```
<210> 3547
<211> 780
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (685)...(351)
<223> similar to gi3236368 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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<400> 3547
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gaggaggtgg gagatgcacg catgccctta gctaggcgctg gggtaggctca gttaagaagg 180
gcactgcctc cgcagccccct cggcgctcag ccagctgcag ccccaaaggc ctagggtctt 240
agggaaccga tccagggtttg ggggcgggga gaaagtctg aggcagctcc tccctggaca 300
gagcagggcg accccgcgcc gggcctgcag gctcctacag ctactgcccg ccagcgggca 360
aggcgaaggc ccctaccagc cagctgagcg ggggattgtg ctgtaggccc tccagcagct 420
gctctaacc ctgccaagcc tggcgcacac cctcgcggct ctgcaccagc cgctctgcgg 480
gcagctcctc tacagagcca gctgaggcca cgatgccata gagctcacag aggctgtgcc 540
gcgcccgcgc cactggctgc tggagctcgg cgggcaggcc ctggaggctg gagaccaggc 600
cactgtaggc cgtgtgcagc tgccggagaa ggccgcagac cctggacaga accccggcat 660
cccgtcctg tgggaggaag gcgcaagggt agtgagacc catgggcggg gtggggggac 720
cctagccctg tgccagaccc atctcctgga cagcagcgct ctcgcactg gcacctgagg 780
```

```
<210> 3548
<211> 2796
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(1655)
<223> similar to gi2827158 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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tccttcagag	ttgggccatc	tcagtcagac	agcgtccctg	aagaggggca	gcagctttca	180
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taatggaagc	ctcttcagtg	agactgctga	gaagtctggc	cagattgaaa	gatcaaagaa	360
tgtaaggcaa	agacaaaatg	attttaagaa	aatgattcag	gaagtaatgc	actccctggg	420
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aataagttca	ggtcaccggg	acttctctca	gagtcagcgg	cccacccaac	tccttcatac	2760
cgtcgcatct	gaaaatttca	gagaggaatc	tctttg			2796

<210> 3549

<211> 4197

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (3)...(3727)
 <223> similar to gil469193 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3549

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accctaacaa	ggccatcttc	acgggtggatg	ccaagaccac	agagatcctc	gttgctaacg	180
acaaagcttg	cgggtccttg	gggtacagca	gccaggacct	gattggccag	aagctcacgc	240
agttctttct	gaggtcagat	tctgatgtgg	tggaggccct	cagcgaggag	cacatggagg	300
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agaagattcc	agtgtctgtg	tggatgaaga	ggatgcggca	ggagcgccgc	ctatgctgcg	420
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ccgtcacgtc	atgtgacagt	ctctttgctc	atcttcacgg	gtacgtgtct	ggggaggacg	540
tggctgggca	gcatatcaca	gacctgatcc	cttctgtgca	gctccctcct	tctggccagc	600
acatcccaaa	gaatctcaag	attcagagggt	ctgttggaag	agccagggac	ggtaccacct	660
tccctctgag	cttaaagctg	aaatcccaac	ccagcagcga	ggaggcgacc	accggtgagg	720
cggccctgt	gagcggctac	cgggcatctg	tctgggtggt	ctgcaccatc	agtggcctca	780
tcaccctcct	gccggatggg	accatccacg	gcatcaacca	cagcttcgcg	ctgacactgt	840
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<210> 3550
<211> 1239
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1240)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1169)...(931)
<223> similar to gil710216 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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cgagcagccc	tgaaaactgt	tcctgcctcg	gcctcacctc	gtcaccacgt	ctgctgtgga		180
aagggctgcg	acctggaggc	tgtgctgttg	aacaggcaca	tcgaggaggt	ccaacacagc		240
gtcagaactc	ccacgccttc	ttctcagctc	tgccccttgg	tcagctgtca	ggtgactccc		300
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gantagggat	ctcgaaaggg	nctcgaanng	gcatctcca			1239

<210> 3551
 <211> 1587
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(783)
 <223> similar to gi4210354 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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tcggaccggg	atgagaccgg	ggcctacctc	attgaccgtg	acccaccta	cttcggggcc	240
atcctgaaact	tcctccggca	tggcaagctg	gtgctggaca	aggacatggc	tgaggagggg	300
gtcctggagg	aagccgagtt	ctacaacatc	ggcccgtga	tccgcatcat	caaagaccgg	360
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<210> 3552
 <211> 4367
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4368)...(707)
 <223> similar to gi4240217 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 3553

<211> 1919

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(940)

<223> similar to gi5748546 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

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tcccagagac taatgggtccc tgctgggctc gactctgcag gcccggtgc gtgtgccttg 1560
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gggagctgtg ggtctgccag gtcccacctc ctctgtcccc catgccaaa cctgggctcc 1860
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```

<210> 3554
<211> 601
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (42)...(506)
<223> similar to gi2827495 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 3554
gcgcggcgcg ccagcaacac tgcacgcagg tgcgcagccg gcggctcatg aaggagctgc 60

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gaggtcttgc	tgggggagg	agccctgacc	atgccccggg	agggtccac	agagagtgcg	1740
agcacacagg	aagacctgga	ggaggaggac	gaggaagacg	atggggagga	ggaggaggat	1800
tgcattccagg	ttaaggacga	ggaggggcag	agtgggtgctg	aggagggggc	cgacttggag	1860
gagcctggtg	ctggatacaa	aaaactgttc	tcagatgccc	agccgctgca	gcctttgcag	1920
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tcttgacgca	aaagcccaac	atcaacgcag	tggccacgct	agagaaagtc	atcgagatcc	3180
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<210> 3556

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (741)...(261)

<223> similar to gil706967 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3556

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agtcccatat	accataccct	acaagacaca	agggtgcgag	acgagccttg	gctatgtacc	120
ggcgctgcag	gaagaggctg	tccgccgggc	ctgggctgct	ccagctacgc	ggggaggcgg	180
ccccattgca	aagtgcagtt	tctccgcgga	gggtggcggt	gggtcagtgg	gcagagggcc	240
atggtttcca	tgttaaggga	agcggacgtg	catcttggtc	tcaatgtcga	tcccctgcc	300
gatcttcagg	aagtcctcga	aggatgatcc	ctcgtaacc	tgatcaggct	ccatctgccc	360

catgcacacg	ctggccgcct	ccatcatggc	cccgtcggcg	atggagcgag	cggactcctt	420
ctcgatgtga	gggtttcccg	acagcagctc	ctcgaccaca	tttcgatatt	cttcagagt	480
gatgcggccg	tcgtgtccg	agtcgtacat	gtggaacaga	aatctcagct	tctccttccg	540
ggacagctcc	acctgttcct	cgtccatggg	gggtgcgatg	ggccggaagt	aggacatgat	600
ggtcaggaag	tcctcgaaat	tgatctcatc	agccaggcca	ctgggtccct	tgcgcagggt	660
cctgttgctg	aaaagccacg	aaaaattttg	aattcgaggg	ggtttacctc	caagtgcggg	720
gaattgttta	agttcttcct					740

<210> 3557
 <211> 1116
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (9)...(996)
 <223> similar to gil84240 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3557						
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cggcggccgg	cggcaaccag	aaaaacagcc	cggaccgcgt	caagcggccc	atgaatgcct	180
tcattggtgtg	gtcccgcggg	cagcggcgca	agatggccca	ggagaacccc	aagatgcaca	240
actcggagat	cagcaagcgc	ctgggcgcgc	agtggaaact	tttgcgggag	acggagaagc	300
ggccgttcat	cgacgaggct	aagcggctgc	gagcgcctgc	catgaaggag	caccgggatt	360
ataaataaccg	gccccggcgg	aaaaccaaga	cgctcatgaa	gaaggataag	tacacgctgc	420
ccggcgggct	gctggccccc	ggcggcaata	gcatggcgag	cggggtcggg	gtgggcgcgc	480
gcctgggcgc	gggcgtgaac	cagcgcgatg	acagttacgc	gcacatgaac	ggctggagca	540
acggcagcta	cagcatgatg	caggaccagc	tgggctaccc	gcagcaccgc	ggcctcaatg	600
cgcacggcgc	agcgcagatg	cagcccatgc	accgctacga	cgtgagcgcc	ctgcagtaca	660
actccatgac	cagctcgcag	acctacatga	acggcttcgc	cccacctaca	gcatgtccta	720
ctcgcagcag	ggcaccctcg	gcatggctcc	tggctccaat	gggttcgggtg	gtcaagtccg	780
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ccggggacct	ccgggacatg	atcagcatgt	atctccccgc	cgcggagggtg	ccggaacccg	900
ccgccccag	cagacttcac	atgtcccagc	actaccagag	cggcccgggtg	cccggcacgg	960
ccattaacgg	cacactgccc	ctctcacaca	tgtgagggcc	ggacagcgaa	ctggaggggg	1020
gagaaatttt	caaagaaaaa	caggggaaat	gggaggggtg	caaaagagga	gagtaagaaa	1080
cagcatggag	aaaacccggg	acgctcaaaa	aaaaaa			1116

<210> 3558
 <211> 2990
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(2662)
 <223> similar to gi3043726 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3558

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gcggcagccg	cggcggcggc	ggctgcagcg	gcagcaaccg	ggacggaggc	tggccctggg	180
acagcagggc	gctccgagaa	cgggtctgag	gtggccgcgc	agcccgcggg	cctgtcgggc	240
ccagccgagg	tcgggcccgg	ggcggctggg	gagcgcacac	cccgaagaa	agagcctccg	300
cgggcctcgc	cccccgggg	cctggcgga	ccgcgggggt	ccgcagggcc	tcaggccggc	360
cctactgtcg	tgccctgggtc	tgcgaccccc	atggaaactg	gaatagcaga	gactccggag	420
gggcccgtcg	accagccggc	gcaagcgggc	gaaggtagag	tacagagaga	tggatgaaag	480
cttggccaac	ctctcagaag	atgagtatta	ttcagaagaa	gagagaaatg	ccaaagcaga	540
gaaggaaaag	aagcttcccc	caccaccccc	tcaagcccca	cctgaggaag	aaaatgaaag	600
tgagcctgaa	gaaccatcgg	gtgtggaggg	cgcagctttc	cagagccgac	ttcctcatga	660
ccggatgact	tctcaagaag	cagcctgttt	tccagatatt	atcagtggac	cacaacagac	720
ccagaagggt	tttcttttca	ttagaaaccg	cacactgcag	ttgtggttgg	ataatccaaa	780
gattcagctg	acatttgagg	ctactctcca	acaattagaa	gcaccttata	acagtgatac	840
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09438726"043100

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aagactgagg caagcaagtg ctgtgaaata acatcatctt agtcccttgg tgtgtgggggt 2940
ttgttttttt tttttatatt ttgagaataa aacttcatat aaaaaaaaaa 2990

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<210> 3559
<211> 5906
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (11)...(5229)
<223> similar to gill136398 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3559
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acctcccagt ccaagttcag ctgaaaaagt gaaagctaata aaagatgtag cttcaccatt 180
gaaggaactg ggtttaagaa tcagcaagtt tttgggtctt gatgaagaac agagtgtgca 240
gttactccag tgttacctgc aagaggacta caggggtact cgggactcag taaagacagt 300
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agaaagaacc tgtattcttc gttgtgtctt acaccttctc acttacttcc aagatgaaag 420
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cgactgttct	cgggtcccgc	acagggacca	gcgtgatggg	gtgtgtgtcc	tgggcctgca	3840
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caggctcccc	atcctaccca	ccctcctcac	cactctagag	gtgagccttc	gcatgaagca	3960
gaacctgcat	ttcactgagg	ccacattgca	tctgctcctc	accctggctc	gcactcagca	4020
gggagccaca	gcagtggctg	gagctggcat	cacccagagc	atttggttgc	cccttctgag	4080
tgtgtaccag	ctgagcacca	acggcacagc	acagacacct	agtgcctctc	ggaagtccct	4140
ggatgcccc	tcttggccag	gagtctaccg	cctgtccatg	tcctgatgg	agcagctgct	4200
caaaactctg	cgctacaact	tctgcctga	ggccctggac	ttcgtgggtg	tccaccagga	4260
gcggacctta	cagtgcctca	acgcagtgag	gacagtgcag	agtctggcct	gcctggagga	4320
ggcggaccac	accgtgggtt	ttattctgca	gctctctaac	ttcatgaagg	agtggcactt	4380
tcacctgcct	cagctcatgc	gtgatatcca	ggtcaacctg	ggttacttgt	gccaggcatg	4440
tacctctttc	ctgcacagtc	gaaagatgct	gcagcattac	ttacagaaca	aaaatgggga	4500
tggcctcccc	tcagctgttt	gcccagcgag	ttccagaggc	caccgtctgc	tgcttctgct	4560
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cacacagtc	agtatggcct	tctcaagatc	ctcagcaaga	cgctggcagc	cctgcgccac	4680
ttcaccccag	atgtctgcca	gattctgctg	gatcagtc	tggaccttgc	tgaatacaac	4740
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gggacccttc	tggccacagt	gaatgtggcc	ctcaacatgc	ttggagagct	ggacaagaaa	4860
aaggagcccc	tcaccaggc	agtggggctc	agcacacatg	cagaagggac	caggacgtta	4920
aagtccctcc	tgatgtttac	catggaaaac	tgcttctacc	tgctcatctc	tcaggcgatg	4980
cggtagctta	gggacccggc	tgtgcacccc	cgggacaaac	agcggatgaa	gcaggagctc	5040
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agctcccctg	ccactgggtg	cctccccctg	ccgcagggca	agtccacctc	tctctccaaa	5160
gccagccctg	agagtcagga	gcctctgatc	cagttgggtg	aggcgtttgt	ccggcatatg	5220
caaagatagg	gcagtgtctg	tctgcccacc	taccctctc	caccagccta	cactgcaccc	5280
tggctggcag	gggtgtctg	ggctgttagg	gcctatacaa	tggagggcac	ctcctgtcac	5340
ccccctccc	gagtagccac	gactccagcc	accacccact	gacgttattt	ttataactaga	5400
tgaagaggtc	aacagcaggc	atggggagcc	gagtcttctg	tgctcaggtc	ctcacgctgc	5460
agacgcccc	taaaggaact	ttccttcctt	tccagcatc	cccacatgca	ctgccggcca	5520


```

ggggagagggc ggcagcccag cagagggctc tatgcacggg tttcaaacct gttttccaca 5580
ctctgtcttt gcaagttttg taattctgtg gtctatztat acagatatta aaatcttggt 5640
tatagacagc ctgtgtgatg ttttaacttca aagcccaggg atgacaacgt ggctctcaga 5700
acctaggaaa actcccctgg gccaggcgcc tgggagtggg gctgcagcct tcgggggaag 5760
ggcagggtact gatggatggg ctagttcacc agcatctcct cattcctgtc cttgggctga 5820
gggtttggct gggtgggcgc tgtcagatat tcccttcctt gggcctgcgc tggctcctgtc 5880
cttgaccctg ctttcattgg cccact                                     5906

```

```

<210> 3560
<211> 967
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (585)...(889)
<223> similar to gi4226107 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3560
cccagagcgg atgtgagggg cgccgatggc ggagggaaacg gcggaggctc ctctagagaa 60
tgggtggtggt ggcgactcgg gagccggagc tttggaacga ggagtggcgc ccattaagcg 120
tcaatacctc accaccaagg agcagtttca ccaattcctg gaagccaaag ggcaggagaa 180
gacttgccgg gaaaccgagg taggagacc tgctggcaat gagctggctg agcctgaggc 240
taagcggatc cgactggagg atggacagac ggcggaacgg cagacggagg aggcagcaga 300
gcccggggag cagctacaga ctcaagaagag ggcccgggga caaaacaagg gccggcccca 360
tgtgaagccc acgaactacg acaagaacag gctgtgtccc tccctaatacc aggagtgggc 420
tgctaagtgt ttcttcgggtg atcgctgccg ctttctgcac gacgtggggc gctacctgga 480
gaccaagccg gccgacctgg gcccccgctg cgtgctcttc gagaccttcg gccgggtgcc 540
ctacggcgtg acctgccgct tcgctggggc ccacctgagg cccgagggac ttcaccaact 600
acggcctgga gcaactggggc tcggacacgc aggggcgtgg agaagaccgc gccgctttct 660
gctcgagtgg ctgtccttcc tgtgccggta cgtgcccggt gggctgctgg agcggctccc 720
acaagaggat caacgagcgg ccgccctact acctgggccc cgactacctg gagacgctga 780
tggccagcca gaaggcagcc gactggatcc gcatcagcga gatgtcctt gggccagtgc 840
ccccagctt cgcttctttg ccgaagcaca aggccaacgc gtacaagtag cctcaggctt 900
tcccaggggc accctggggc gaggagagta caataaattt tattctttta aaaaaaacct 960
cgtgccg                                           967

```

```

<210> 3561
<211> 1211
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (24)...(569)

```

<223> similar to gil658503 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3561

ccatcgattc	gaattcggca	cgaggaagca	tgtccctgca	tttaggcaat	gaagtgtttg	60
atgtgtacaa	agccccactg	cagggcgacc	acaatcatct	ttttataaga	caaggtactg	120
gtctacaggg	acaagcagtc	tttaaaacga	aactcacctt	cagacctcac	tctacggaca	180
gtgccacaca	tagaaaagatg	actctgtcac	ttgcagatag	gtgttcaaag	acacagaaga	240
ttagaatctt	gccaatggct	ggtcgtgatc	ctgaatgcca	acgcacagaa	atgattaaga	300
aagaagaaga	acgtttgagg	gcttccatac	gtagggaatc	tcagcagcgc	cgaatgagag	360
agaaacagca	ccagcggggg	ctgagcgcca	gttacctgga	acctgatcga	tacgatgagg	420
aggaggaagg	cgaggagtcc	atcagcttgg	ctgccattaa	aaaccgatat	aaagggggca	480
ttcgagagga	acgagccaga	atctattcat	cagacagtga	tgagggatca	gaagaagata	540
aagctcaaag	attactcaaa	gcaaagaaac	ttaccagtga	tgaggtaaga	ccaaatttat	600
tcaattctag	gggtttatcc	tgtactcagg	agccaactgc	tttgaatgaa	gagctcacag	660
atcaggcagg	cacaaattag	ttgtctacac	acgtcactga	aatccagtga	gataaatgca	720
gtaacaagac	agagtgatcc	agaggaggat	ctgatacctg	tgcttagaga	ggtcttagaa	780
ggctgcatgg	aggataagac	ttcttgctgg	gtgttgaaga	gtgatcagaa	gcttgctggt	840
caaactgtcc	tgtctctggg	aggtcactcc	ggatagatgg	aaaggcctat	aatactttgc	900
atatggagtc	tgcaaaaatc	gtgaccatct	ttatgttccc	catgtcacac	tggtccactg	960
cattgatgac	attatgctga	tggtatctga	tctgatgagt	aggaaataac	tccttgcttt	1020
gacttccaat	tttttccaga	tgaagagact	cattgttagt	tctctaattg	tccttctctg	1080
catctgcatc	tctctctgga	aactgagatt	tcatattcct	tctcttctcc	tctctctgac	1140
tgcaatcggg	gatattcttt	gtaaaagact	gacgttgcca	cctgcctctc	ctcacttcca	1200
ctgcactccc	a					1211

<210> 3562

<211> 3029

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3031)...(73)

<223> similar to gi5419885 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3562

tttttttttt	ttaggcgcgc	tagctgcgtc	cccagaaccg	ggagacttaa	ggcatcttta	60
ttgcgggatc	ctcacacggc	ctcctgggcc	cggcgatact	catagacgct	gccgtgctcg	120
ggaaaggcca	gtgcttgccg	gggcgacccc	ggcggtgggg	cggggtcctc	cgggtcccca	180
tagccaccgc	cgccgggcgt	gtggagacag	aacacatccc	cggggtacac	ggtcaccgac	240
gtcttgccgc	ccagattcac	cgtccggccg	tttttgccga	tcagcagggt	taggccgcgg	300
gcgccaggct	cgcccccggt	gagcccgat	ggccggaagg	cgccgcgctc	ggtcagcact	360
gacagcagcg	cctcctcacg	aaaaagcagc	tcgcgggtga	cgccgtcgcc	gcctcggaag	420
cggcctctgc	cccccgagcc	ccgccgcagc	tcgaagcggc	gcaggatgac	cgggtaccgg	480
ctctccagga	tctcagggtc	ggtgatgcgt	gtgttggtca	tgtggctgtg	cacaccgctg	540

cgcccggtgcc	agctgggacc	cgcgcccgcg	cgcccgcca	ccgtctcgta	gtagcccatg	600
tgggcgttgc	ccagggtcac	gttggttcac	cagccctggg	aggcggcgca	ggccccaag	660
gccccagga	tgacatccac	cacgcgctgc	gacgtgagca	cgttgccgcc	caccaccgcc	720
gcctcgggcg	acgggtccag	gatggagcct	cggggaatga	ccacgcgcac	tggcgccagg	780
cagccctggt	tgagtgggat	gtcgcggccc	accagacagc	gcaggcagta	gatgagggcg	840
gacaggggta	cggcccgcg	tgcgttgaga	ttaccaaaaca	cctccggccc	agtgccgctg	900
aagtcaaaca	cagcgtgcc	ctgactcagg	ctgatctgca	cacggaggcg	gatgggggaa	960
ccgtcgtcca	tgtggtcttc	cgaggacacc	tccaggggca	ggcccgggc	ctgccgggag	1020
gttccaaagg	cacgcaacat	gtctcgacg	gccagctcag	cgtttgccctg	aatatggccc	1080
atgtaggcct	gcaccacgtc	caggccgtac	tggcccaaga	agctccccc	ccagctggat	1140
gcccttctgg	ttggctgcca	cctgggcacg	gaggtccgac	aggttgctgt	gcaggtttct	1200
ggttcgctg	cagttgggga	ccttgccctg	cgcccgagg	gcctccgtca	ccgcctcctc	1260
ctgggaagac	ccccctgga	caagtgtgaa	ggacagaaag	acggcaccct	cctgttgacg	1320
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agtcaggctc	ggcagggtgc	tgcccccggc	actgggatgg	ttgctcagta	gcacgtcgcc	1500
agggtggaga	tcggccccc	ggtgctgaat	ctggaactgc	accgtctcct	gcatggcacc	1560
caggtgcaca	gggatgtggg	gggcattgga	caccagcccc	ccatcgggcc	caaagagggc	1620
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ctcctggtag	ccccctcaa	agtagcactg	ggtcatcttg	tccaccggg	gaggcccggt	1980
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cacaaaggct	gggggcagga	caggcgggag	agcagaggtg	gacgtacctg	cgtgagtgc	2160
cggatgggcc	ggcacatggc	ctcgttggcc	acgcgcacga	accccatggc	cacctcctcc	2220
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acagcctcca	gggctttgcg	ggaggcctca	ggggaaagtg	gttggttctc	tcccggccca	2340
aaaatgcagg	ggaaggaggc	aggcagcagg	cgacccagga	ccagattagc	atccgtcact	2400
gtcacagggc	ccccctgggag	gtggacaggg	tgtggggcct	gggggctgga	ggcaggggag	2460
caggagtagg	cagcagggat	agggctgaca	ggaggggctg	ggcctgcggc	ggcaagcgga	2520
gggcaaggcc	aggccggcca	gacctgact	cttacctttg	cggtagcagg	cgggtcctgg	2580
gtgggctcct	gctgactcgg	gcccacccac	aaagaggcca	gacctgaaga	agaggcgggg	2640
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tgtgctggcc	tcgaagacgt	gctcgaattc	cccagcatag	cgggctcaca	tccgtggacg	2760
tgcctcccat	gtcaaagccg	atgacaggct	ggccaccctc	ctgctggtag	gtggtggctg	2820
agtagccac	cacgcgcgg	gccgggccc	agagcacagc	actggagccg	ctgaagggtg	2880
ccatgggccc	caggccgcca	tcggagcgca	tgaacaacac	ctgcacatcc	ttgagttggc	2940
cctggaagcc	acggcagaag	ccctgcacgt	agcgtggtg	ggcgggcgtg	aggtaggcgt	3000
cggcacaggc	cgtgtgcccc	cgagggacc				3029

<210> 3563

<211> 2007

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(543)

<223> similar to gi5457357 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3563
agggggcctc ttcggtgttg gtgagacagc agccaagatc ttaaaaagca acatcgatgt 60
gttatattgca gacgtagctg ggtgcgaaga atcaaatgg aaattatgga atttgtgaat 120
ttcctgaaga atcccaagca gtatcaggac ttaggagcaa aaattccaaa gggagccatg 180
ctcactggtc ctctgtgtac cggcaagacc cttcttgcca aagcaactgc aggggaggcc 240
actgtgccct tcatcactgt gaacgggtct gagttcctgg aaatgtttat tggcgttggg 300
ccagcaagggt gttcaactct gccaccaacg tcgtggtgtt ggctggcacc aaccgccctg 360
acgtcctgga cccggccctc atgcggcctg gccggtttca tcgccagatt tacactggtc 420
ccccttacat taaaggcagg tcctccatct ttaagggtcca cctgcgcca ctgaagctgg 480
acaagagcct caataaggac accctggcga ggaagctggc agtgctcacc ccaggcttcc 540
ctgatgtctg tttacatacc aaagttaaaa agctggaatg ttaccaagac tgctttcttc 600
tgcccataga cggggatgac tcagcactac ccctcaacag agatgacttt gatgactctg 660
cccctcagca gggcttacta agcactaccc cttaacagggt atgactccgc actgcccctc 720
aacagggatg actcagcagg gatgactcag cactgcccct caacagggat gactcagcag 780
ggatgactca gcaactgtccc ttagcagtga tgacacagca aggatgactc agcactgccc 840
ctcagcaagg atgactcagc actgccgctc aacagacatg actcagggat ggcttagtac 900
tgcccctcag cagggatgac tcagcaccgc ccctcaacag ggatgactca gcaactgcccc 960
tcaacaggga tgactcagca gggatgactc agcactgtcc cttagcagcg atgacacagc 1020
aaggatgact cagcactgcc cctcaccaag gatgactcag cactgccgct caacagacat 1080
gactcaggga tggcttagta ctgcccctca gcagggatga ctcagcagg atgactcagc 1140
accacccctc aacagggatg actcagcagg gatgactcag cactgcccct caacagggat 1200
gactgcagg atgactcagc actgcccctc agcagggatg actcagcact gcccctcagc 1260
agggatgact cagcagggat gactcagcac cgcccctcaa caggcatgac tctgcagaga 1320
tgactcagca ctgcccctca gcagggatgg ctgcagcagg atgactcagc attgcccctc 1380
aacagggatg actcagcaga ctgcagcagg atgactcagc actgcccctc aacagacatg 1440
actcagcagg gatgactcag caccacccct cagcaaggat gactcagcag ggatgattca 1500
gcagagataa ctgcgggatg actctgattg tccttcagca gggatgagtc tgttttgctc 1560
cgatggaagc atctgtagtg tccatcagca ggtgaatggc caaagtggta tatactgtag 1620
tcacattcag ctataaaaag gaataaagta tcgatgcatg ccacaacatg ggtgaaccta 1680
gaaaatactg atctaaatgc aagaagccag gcacaaaagg ccacatagta tatgttccca 1740
tttatgtgaa atgtgcagaa taataataaa aatgtataga atagcaaadc tgtagggaca 1800
gacatgaggt gagtgggtgc cagaagtggg aatgggagtt aactataaat tgcacagggt 1860
accttacaga gatgatggaa atgtcctaaa actagattat ggcaatagtt gcactacgtg 1920
atcagtttat taaaaatcgt tgatgtgtgt gtgtaaaatg ggtggatttt atggtttata 1980
aattatacct taataaagggt taacaaa 2007

```

```

<210> 3564
<211> 1085
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(1088)
<223> similar to gi5882259 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3564
ccagcttggt ttttggtatc agcactccag ataacaaagt tgctgaacaa gaagacttag      60
aaacacagcc aagtccatcc gtagaaaaag cagtgactgt gatagatcct gaaggtacaa      120
ttcccaccaa ttttaattgta gctgagaaac cagctgatca ttcattatca gaggtaaaac      180
ttaaaaactgc tgatgaaccc agaggtaactt tagtaaaatc tggtgacggt caaaacgtta      240
aagaaaaatc catgatttta tcaaatgtag aagatttaca acagccaaaaa ttcatttctg      300
aggtgtctag ggaagattat ggaaaaaaaag aaatctcagg cgattcagag gaaatgaaca      360
taaactcagt agttacttct gctgatgggtg agaaccttga aattcaatct tattcactaa      420
tcggtgagaa attggttatg gaagaagcca aaactattgt tcctcctcat gttactgata      480
gtaaaagagt ccagaagcca gcaatcgctc ctccatctaa atggaatatt tctattttta      540
aggaagagcc aagaagtgat caaaaacaaa aatcactcct ttcatttgat gtagtagata      600
aggtgccaca acagccaaaaa tcagcttcct ccaactttgc aagtaaaaat atcacaagg      660
aatcagagaa accagagtca attattttgc cagtagaaga atcaaaaggc agtttaattg      720
atctcagtga agacagactc aagaaagaaa tgcaaaatcc tacttccttg aaaatttctg      780
aagaggaaac aaaactcagg tctgttagtc caactgagaa gaaagataat ttggaaaaca      840
gattcatata ccttgggcag aaaagaagggt gctggcagaa aaacaaaact ctgtgggccc      900
cattagagct tagagatagt aatgaaatag ggaagacaca aattacactt ggatctagat      960
ctactgaact gaaagaatca aaagccgatg ctatgccaca acacttctat caaaatgaag     1020
actacaatga aagacccaaa atcattgttg gttctgaaaa ggagaaagat gaaaaaaaaa     1080
aaaaa                                         1085

```

```

<210> 3565
<211> 2611
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2612)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (239)...(919)
<223> similar to gil871540 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3565
tctcactggg agaaatatca agttaggggt gtggagtgtt attaggaaga aataatcatt      60
atgggctaaa agttaagtga ttagaaatta tatatatattg cttttaaaat ttctatttca      120
agggtctctt atgcaaatta tgagcctttc tagacagtat ttctgggtctc ctgggttgag      180
tgtgaaatta tagccatcac ctgacatgca ttaattctgg attccttttg tgtgtggtca      240
gcaataccag gacgtgcccg atgccggagg aaaagagcaa cccaagggtc gtggagtggc      300
tgtggcattc cattgttata aggatgtatc tgtccttgat cgccaaaagt gtccgcaact      360
acacacaaga agcatcctta ggagctctgc agaacctcac ggccggaagt ggaccaatgc      420
cgacatcagt ggctcagaca gttgtccaga aggaaagtgg cctgcagcac acccgaaaga      480
tgctgcatgt tggtgacca aagtgtgaaa agacagccat ctcgctgctg aggaatctgt      540
cccggaatct ttctctgcag aatgaaattg ccaaagaaac tctccctgat ttgggtttcca      600
tcattcctga cacagtcccg agtactgacc ttctcattga aactacagcc tctgcctgtt      660

```

acacattgaa	caacataatc	caaaacagtt	accagaatgc	acgcgacctt	ctaaaacaccg	720
ggggcatcca	gaaaatttatg	gccattatgtg	cagggcatgc	ctatgcctcc	aacaagcaa	780
gtaaagctgc	ttcgcctctt	ctgtattctc	tgtgggcaca	cacggaactg	catcatgcct	840
acaagaaggc	tcagtttaag	aagacagatt	ttgtcaacag	ccggactgcc	aaagcctacc	900
actcccttaa	agactgagga	aaatgacaaa	gtattctcgg	ctgcaaaaat	ccccaaagga	960
aaacacctat	ttttctacta	cccagcccaa	gaaacctcaa	aagcatgcct	tgtttctatc	1020
cttctctatt	tccgtggtcc	cctgaatcca	gaaaacaaat	agaacataat	tttatgagtc	1080
ttccagaaga	cctttgcaag	tttgccacca	gtagataccg	gccacaggct	cgacaaatag	1140
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<210> 3566
<211> 5891
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(5892)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1)...(1306)
<223> similar to gi4678438 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<210> 3567

<211> 2174

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1705)...(418)

<223> similar to gi257387 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3567

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<210> 3568

<211> 1435

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1272)...(274)

<223> similar to gi2905643 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 3569

<211> 1581

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1582)...(860)

<223> similar to gi5360111 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

cagtcgtgca cagagacaca cccacactag cccagtggca gtgggggatg tgggatggca 4500
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ggttaaattg tgttggtgcc ttcagtagaa ggcatttgtg ggctgcagag ttgagagttg 4620
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gaaggagaat cacttgaacc cgggaggtgg aggttgcagt gagctgagat cgtgcccctg 6600
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```

```

<210> 3571
<211> 2192
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(2193)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2192)...(802)
<223> similar to gi398845 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3571
gtccgtagga gaacccccac agcggccgcg ggctagcaag ctcccggagc cgttttcggt 60
ttaccatgac ccagnccgtg gtcgtacagg ggggccagtg cggaaaaccag atcggctgct 120
gcttctggga cctggcacta agggagcacg ccgcggtcaa ccagaaagga atttatgatg 180
aggcaataag cagcttcttt agaaatgtgg acaccaggca gtcttgattg atatggaaga 240
aggggtagtg aatgaaattc tgcagggacc actgagagat gtatttgata cgaaacagct 300
catcactgat atttctggct caggaaataa ttgggccgtg ggtcacaaag ttttcggcag 360
tctttacca gaccagattt tagagaaatt cagaaagtcg gcagagcact gtgattgctt 420
gcagtgtttc ttataatac attccatggg aggaggaaca ggatctggac ttggcacatt 480
tcttttaaag gtgcttgaag acgaattccc agaagtatac agatttgatga cttccattta 540
tccttctggt gaggatgatg tcataacctc accttataat agcatcttgg caatgaagga 600
acttaatgag catgcagact gtgtattgcc cattgacaat caatctttat ttgacatcat 660
tagcaaaatc gacctcatgg tgaattctgg aaagtgtggg acaactgtga agccaaagag 720
tctggttact tcaagtcttg gggctttaaa aaagcagcat aagaagccct ttgatgcaat 780
gaataacatt gtggcgaatt tgctcctcaa cctaacgagc tctgcaagat ttgaagggtc 840
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tctcgtgtca agcctaacac ctctgtatac actgacagat gttaacattc ctctagaag 960
attggatcag atgttttcag atgcctttag taaagatcac cagctgcttc gggcagaccc 1020
caaacacagt ctttacctcg cctgtgcact catggttaga ggaaatgtac aaatttcaga 1080
tcttcgtaga aatattgaaa gattaaaacc atctctacaa tttgtctcct ggaatcaaga 1140
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tttagcaaat aacacatgtg tgaagcccac cttcatggaa ctgaaagaga gattcatgag 1260
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cgccacaaaa aacatgcctg tgcaggattt acccagacta agcatagcta tgtgaaaaag 1440
aaaccctcaa aaatactttc ttaatttcac attgtttttt ctgacctttc tgtttcaaca 1500
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agtgatttct gtttaatcgc aatttggttg taataccaat gtgtgaaatt agtgaaatct 1620
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catagtctct gaatatcttg ctgtatttat agcctcatat ttaggcattt atgcaactgat 1740
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tcctaatttg tacacttaac atgtatttgt attaaacttt ttaaataatt gctttcttat 2040
caaaccaatt gattttataa taaatgtcta ttttttcaa cagtgtact tgttattggt 2100
ctgcatgaca tttatgcaaa tgaacagaat gttactaagc ttgatattct ccaaactttg 2160
caataaatgg ctataattgt tccggttact at 2192

```

<210> 3572

<211> 1504

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (25)...(1130)

<223> similar to gi577843 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3572
ccactgatga cccttagtca gtgcggtgga attcccggcc acggccactc gcacgggggt      60
cacggccacg gccacggcct ccccaagggg cctcgcgtta agagcaccgc ccccgaggagc      120
agcgacatca acgtggcccc gggcgagcag ggtcccgacc aggaggagac caacaccctg      180
gtggccaata ccagcaactc caacgggctg aaattggacc ccgcagaccc agaaaacccc      240
agaagtgggtg atacagtgga agtacaagtg aatggaaatc ttgtcagaga acctgaccat      300
atggaactgg aagaagatag ggctggacaa cttaacatgc gtggagtttt tctgcatgtc      360
cttgagatg ccttgggttc agtgattgta gtagtaaatg ccttagtctt ttacttttct      420
tggaagggtt gttctgaagg ggatttttgt gtgaatccat gttccctga cccctgcaaa      480
gcatttgtag aaataattaa tagtactcat gcatcagttt atgaggctgg tccttgctgg      540
gtgctatatt tagatccaac tctttgtgtt gtaatggttt gtataacttct ttacacaacc      600
tatccattac ttaaggaatc tgctcttatt cttctacaaa ctgttcctaa acaaattgat      660
atcagaaatt tgataaaaga acttcgaaat gttgaaggag ttgaggaagt tcatgaatta      720
catgtttggc aacttgctgg aagcagaatc attgccactg ctacataaaa atgtgaagat      780
ccaacatcat acatggaggt ggctaaaacc attaaagacg tttttcataa tcacggaatt      840
cacgctacta ccattcagcc tgaatttgct agtgtaggct ctaaatacaag tgtagttccg      900
tgtgaacttg cctgcagaac ccagtgtgct ttgaagcaat gttgtgggac actaccacaa      960
gcccccttctg gaaaggatgc agaaaagacc ccagcagtta gcatttcttg tttagaactt     1020
agtaacaatc tagagaagaa gcccaggagg actaaagctg aaaacatccc tgctggttgt     1080
gatagagatt aaaaacatgc ccaaacaaac caacctgaat catctttgtg agtccttgaa     1140
aaagatgtgg atatttgaac ttttgcttta aactgcaaga ggaaaaagac tcccactgaa     1200
attcctaagt ttgcccaagt agtgtaattg aagtccttgt ctggtcacac agtttaattc     1260
tatttttgta agaacataat gggactgcat aacagagttc tatattacaa ttttgtgatt     1320
attagtacag agtacagcta tgctgtgact gttttggaaa gccgagtttt aacactatgt     1380
tacatttttg tttaaagtaa gttaaaccctt atataacata atgacatttg atttctggat     1440
ttttcccatg ataaaaatta gggggataaa taaaattggt actggaattt ctctgcaaaa     1500
aaaa                                           1504

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```

<210> 3573
<211> 1309
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1310)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1309)...(173)
<223> similar to gi3928166 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3573
tttttttagct tgttatgctt tttttttttt cccaaagcac tttaatgcat tcaccaaccc      60

```

acagtccctg	cccgttggt	gggcaagaga	ggccagcccc	catctggagg	ctcctatggc	120
ttcccacacc	tagtgtgtcc	aggaaggctg	agcccgacac	cattcccatc	aatagggtgag	180
gggcgtgaga	atgaagaggc	ggtcttcctc	tttgcggtac	cagcgcatca	gcttatggat	240
ggcactgacg	gctgacgcct	tggccccag	ggggctcgta	acacatgtag	agctcaaagg	300
cgctgtcac	ccaggccagg	gaggttctcg	ttgcggggccc	gtgtagtaaa	ttggtcttga	360
gtggggcgag	aggcattgtg	ggcacgactg	tgcaagtact	ggtagaggcc	cagcagccgc	420
tctgtctcct	cttactggt	gtatggggcc	tcaatctcag	ggctggtgaa	gagtcccag	480
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cgcgctgct	gcaggctggc	gctcacagtg	tcgcgcacgg	ccgcccag	gggcaggcac	960
cgtgccgccc	ccatcaggaa	gctgggggtc	cgtgccatga	gctgcagcag	gttgtcgggtg	1020
atgcgctctg	agcccgagag	taggcgccgc	aaatcatagt	tctgcttctg	ctggaagatg	1080
tggctcagct	gcgcaccggt	aagaaggctt	aggatctggt	agtagatgta	gagcagctcc	1140
tgcgccagct	cttgtgccga	ctgccgcgta	cgagccaccg	ccactagcac	cagcgggctc	1200
cggcgcacga	atactacctt	gtagccatct	ggctccattc	cctgaattcc	tccgcnctgt	1260
ctaaggggtca	tctatggggg	ntctatnngg	ggggggnggg	ggggggggg		1309

<210> 3574

<211> 1445

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> similar to gi3043740 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3574

ggaattccag	cagcagacag	aagaagccag	tctggagctt	attaaactgg	acattttctag	60
aacattttcct	aattctctgca	ttttccagca	aggtgggtcca	tatcatgaca	tgttgacacag	120
tattttgggc	gcttatactt	gttaccggcc	agatgtgggt	tatgtccagg	gcatgtcctt	180
catagcagca	gtgttgatct	tgaacttaga	tactgcagat	gcctttattg	cctttttctaa	240
ccttctgaat	aaacctgtc	aaatggcggt	ttttagagt	gaccatggcc	ttatgttgac	300
ttattttgct	gcatttgaag	tattctttga	agaaaatttg	ccgaaattat	ttgcgcattt	360
caagaagaac	aacctaaact	cagatatcta	cctaattgat	tggatcttta	ccttatatag	420
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agagttcctg	ttccgcacgg	ccctgggcat	cctgaagctg	ttcgaggaca	tctgaccaa	540
gatggacttc	attcacatgg	cccagttcct	gaccgggctg	cccaggacc	tgcccgcgga	600
ggagctgttt	gcctccatcg	ccacgatcca	gatgcagagc	cgaaacaaga	agtggggtca	660
ggtactgact	gcattgcaga	aagacagccg	ggaaatgaga	gaagggaagt	ccgtccctcc	720
gacactgagg	ctgcagcggg	aattcgcact	cggcaccaat	cagagcccca	tgccgcggcc	780
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attcctaaca	ctggagttgg	ccttaaaca	aacaaacaca	aaaactttta	aagaattaaa	900
ccaaggctta	gccttaagca	gctcagtgga	aggatgagct	gctgcggacc	acagccagcc	960

actgcatctg	ctgcacagtt	gaacgatggg	cagtggctca	ccccactcc	tttatttcag	1020
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agccaggatg	catgagagat	gttatttggg	agacttgaga	tgctttggct	gatatttaca	1140
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tgggccaatg	tgcccttgaca	cagtcacagt	gtagaggctg	caggtgcaca	cgtgggctcc	1380
agtgggactg	cgctctggga	gactgctccc	tggcatcggg	cctgcggagg	tggaaagttc	1440
gagag						1445

<210> 3575
 <211> 1610
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (430)...(1216)
 <223> similar to gi886024 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3575	
gcctcctcct	cagctcgctt
gctgctgctt	ttcgcatcta
gggagtgggg	tctcaccagc
tacagagctg	cacggaacgt
tcatctgggt	atgcgtcagc
agtgagggga	aaggatcttc
gagtgcgctg	tgccaccaa
gtatgctgca	tccagtactc
ctgttactcg	tttttgatgc
ggggcagtga	atgccgtgtg
gacgggaccc	tgcgaaatgtg
acagaagagc	aagtccaagc
cagtttatcg	gcagtcaacg
gaccgtggaa	gtgtttgacc
ctcacggcct	gtccatcaaa
tcaggcttat	aaccttttcc
gagaacccctg	aggtgtgagc
aatcgctttc	agtccttgtg
cgtgtatgaa	atgggctcaa
cactggagtg	gccttcaacc
actccagctc	tttctagctg
aggaacaact	taaaagtaag
gtttttcata	ttttgagact
gtgtgccatg	tcagagtttt
aaaatggaaa	tggcgtccag
tttcaataaa	acataatata
atctcttttg	ggcagtga
gcttctctac	ttaggcgtgt
ctgaaggtgc	caagaacctg
cgtctggcaa	ccagtgcaga
ttttccatag	taaagttagg
caccaaagac	caacatcaag
caaggagggc	ataccccgctg
ccgccccac	ctgcacacgt
cctgtgggtt	ggccaaccat
ctgtgttttc	aggtcacgac
ggctgctctc	tgcggcccgg
tcgcaactgt	tctgatataa
acgggtgcag	tagacatgac
ctcgagctg	gccggaacag
gcggtgatag	tggaaagcca
tcattttaca	cccaacagcc
gggatgagac	tgtgggacct
gcccaggaca	gacacgctta
gctgggcaca	cagacactgt
acagctacct	tggatggtaa
ctgggtccag	gaatgctgtg
gggggccaga	agcagcaact
tgcaagctcc	tcccctctgt
agggatcccc	cttcattggg
ttaaagttaaa	acaaaatatac
ggttgaagaa	aaaagagaga
taacagtcaa	aaaaaaaaa

<210> 3576
 <211> 803
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (611)...(383)
 <223> similar to gi34203 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3576
 cttctccggg tcgacccacg cgtccggcag aatcctatth ccaggaggag gactgtatcc 60
 ttttcttaat tacaggaaga aatthtttaga actcttacag aaccattcat tttthtaatt 120
 gaagtatat ttacatgtaa tagaatgtac agatcatatg gtttcagtgg ttttgacagt 180
 tgtatgtacc cgtgtaacca cctcagaaag caaatgtag gaaatttctg tctcttcaca 240
 aaatttccta gaaccatcca aagtttacct tcataaatag gccttaattg tactaaaata 300
 agtatttgta tttatttttt gaaggaaaat ttgtattatt ttaattattt ttatgtacag 360
 aacactcaac agtgtacatt taaccagtt tagcggcatg ttcttttagcc ttgacctttt 420
 tgagcttggc aacgtgcgcc acagacttgg gaccgggac attgccgcc ccgtgatggg 480
 gaatctcgtc gtatctgtcg ttgtaattgg tcctggacta gacagcccag tcttgcttc 540
 cccttgata atgcagtaag ggacccccat tttacgacat agggcaggca agaagacagc 600
 cagctggaag aaggcattag tggaagagtg tathtttgacc aaaagcagta aatctcaaag 660
 ctagcttggg agcaagcgag agagagagaa cttctgagtg atcatgaaga caaaaagctg 720
 aacagtgagt ttttctcttc cttttttctg ggncagcatt tagagcattg cccagaggaa 780
 ggtaggcagt tggacagtgt att 803

<210> 3577
 <211> 1302
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (34)...(669)
 <223> similar to gi3806122 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3577
gagtacatta gtccagtgcg gtggaattcg cgcggcgctca agtgcgtgct ggtcggcgac      60
ggcgcggtgg gcaagacgag cctggtggtg agctacacca ccaacggcta cccacccgag      120
tacatcccta ctgccttcga caacttctcc gcggtggtgt ctgtggatgg gcggcccggtg      180
agactccaac tctgtgacac tgccggacag gatgaatttg acaagctgag gcctctctgc      240
tacaccaaca cagacatctt cctgctctgc ttcagtgtcg tgagcccctc atccttccag      300
aacgtcagtg agaaatgggt gccggagatt cgatgccact gtcccaaagc ccccatcatc      360
ctagttggaa cgcagtcgga tctcagagaa gatgtcaaag tcctcattga gttggacaaa      420
tgcaaagaaa agccagtgcc tgaagaggcg gctaagctgt gcgccgagga aatcaaagcc      480
gcctcctaca tcgagtgttc agccttgact caaaaaaagc cctcaaagag gtctttgatg      540
cagccatcgt cgctggcatt caatactcgg aactcagca acagccaaag aagtctaaaa      600
gcaggactcc agataaaatg aaaaacctct ccaagtcctg gtggaagaag tactgctgtt      660
tcgtatgatg ctggcaagac acccagaaag gctattttca gatgaaatcg atattagaag      720
ctatattagc tgaacaact ccttttactg cgtagaacct atatcgagag tgtgtgtata      780
tgtattatag gaggagccct caattttatg tattctttct gcctttaatt ttctgttttg      840
tttgagctta gggatgagat acttatgcaa gatatttttg aagtaaatta aacatttttc      900
acatctctgg aaatttagag ttctagacct ctggttaatt tataatctaat atgaagaaga      960
cacctctaat ctggatgtta agaatgaagt tctgctacat tataatgtac agaagagcaa     1020
aaggaggagg cactatggtt aaccctctct tgattaaggg ctacttaatg cacagtgcac     1080
tatgtacaca ggtcaaccat ggtaacaata gttcttagct ttgaaactcc atgcaaacca     1140
tgcctttttt ttaaggagca aaaatctgag aaaaaaagtg agagacctct gcctacaaaa     1200
cttcaaacca gtcacttttg tcaattgctt aattaccagc ttacttatga tttaaaaaca     1260
accaacagaa aacatcccac agactgtatg gcactctgta gt                                     1302

```

```

<210> 3578
<211> 3466
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(3173)
<223> similar to gi4314432 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3578
gagccaaggg agtccaggct gccggggggt gcagacatgg agggccagag cagcaggggc      60
agcaggaggc cagggacccg ggctggcctg ggttccctgc ccatgcccc a ggtgtgtgcc      120
caaactgggg caccctccaa ggtggactca agttttcagc tcccagcaaa gaagaacgca      180
gccctaggac cctcggaacc aaggttggct ctggcacctg tagggccacg ggcagctatg      240
tcagcttctt cggaaggacc gaggctggct ctggcatctc cccgaccaat cctggctcca      300
ctgtgtaccc ctgaagggca gaaaacagct actgccacc gcagctccag cctggcccca      360
acatctgtgg gccagctggt gatgtctgcc tcagctggac caaagcctcc cccagcgacc      420
acaggctcag ttctggctcc gacgtccctg gggctggtga tgctgcctc agcagggcca      480
agatctcccc cagtcaccct ggggcccaat ctggcccaa cctccagaga ccagaagcag      540
gagccacctg cctccgtggg acccaagcca aactggcag cctctggcct gagcctggcc      600
ctggcttctg aggagcagcc cccagaactc cctccacccc ctccccggt gccagtgcca      660
gttctgtctc caactcagga acaggccctg gctccagcat ccacggcatc aggcgcagcc      720
tctgtgggac agacatcagc tagaaagagg gatgccccag cccctagacc tctccctgct      780
tctgaggggc atctccagcc tccagctcag acatctggtc ctacaggctc cccaccctgc      840

```

atccaaacct	ccccagaccc	tgggtctctc	ccctccttcc	gagcccggcc	tgaggccctc	900
cacagcagcc	ctgaggatcc	tgttttgcca	cggccacccc	agaccttgcc	cttggatgtg	960
ggccagggtc	cttcagagcc	tggcactcac	tcccctggac	ttctgtcccc	caccttccgg	1020
cctggggccc	cctcaggcca	gactgtgccc	ccacctctgc	ccaagccacc	ccgatcacc	1080
agccgttccc	caagccactc	cccgaatcgc	tctccctgtg	ttcccccagc	ccctgacatg	1140
gccctcccaa	ggcttggcac	acagagtaca	gggcctggca	ggtgcctgag	ccccaacctt	1200
caggcccaag	aagccccagc	cccagtcacc	acctcctctt	ctacatccac	cctgtcatcc	1260
tccccttgg	cagctcagcc	tacctggaag	agcgaccccc	gcttccggat	cactgtggtc	1320
acatggaacg	tgggcaactg	catgccccca	gacgatgtca	catccctcct	ccacctgggc	1380
ggtggtgacg	acagcgacgg	cgcagacatg	atcgccatag	ggttgcaagg	agtgaactcc	1440
atgctcaaca	agcgactcaa	ggacgccttc	ttcacggacc	agtggagtga	gctgttcatg	1500
gatgcgctag	ggcccttcaa	cttcgtgctg	gtaacgcacc	cctcaccccc	tggacagcca	1560
gagaccctg	tgaattcctg	gctccagctg	taccctggct	caactgtggg	cccgtctggc	1620
ctctgtggct	gggtgagttc	gggtgaggat	cagggtgtca	tcctgctgct	gttcgccaag	1680
tactaccacc	tgcccttcct	gcgagacgtg	cagaccgact	gcacgcgcac	tggcctgggc	1740
ggctactggg	gtaacaagg	tggcgtgagc	gtgcgcctgg	cggccttcgg	gcacatgctc	1800
tgttctctga	actgccactt	gcctgcgcac	atggacaagg	cggagcagcg	caaagacaac	1860
ttccagacca	tcctcagcct	ccagcagttc	caaggggccg	gcgcacagg	catcctggat	1920
catgagtatg	ggctgggcct	cgtgttctgg	ttcggggacc	tgaacttccg	cattgagagc	1980
tatgacctgc	gctttgtcaa	gtttgccatc	gacagtgacc	agctccatca	gctctgggag	2040
aaggaccagc	tcaacatggc	caagaacacc	tggcccattc	tgaagggtct	tcaggagggg	2100
cccctcaact	tcgctcccac	cttcaagttt	gatgtgggta	ccaacaaata	cgataccagt	2160
gccaagaaac	ggaagccagc	ttggacagac	cgtatcctat	ggaagggtcaa	ggctccaggt	2220
gggggtccca	gccccctcag	acggaagagc	caccgactcc	aggtgacgca	gcacagctac	2280
cgagccaca	tggaatacac	agtcagcgac	cacaagcctg	tggctgcccc	gttcctcctg	2340
cagtttgctt	tcagggaagc	catgccactg	gtgcggctgg	aggtggcaga	tgagtgggtg	2400
cggcccgagc	aggcgttgg	gaggtaccgc	atggaaacag	tgttcgcccc	cagctcctgg	2460
gactggatcg	gcttataacc	ggtgggtttc	cgccattgca	aggactatgt	ggcttatgtc	2520
tgggccaac	atgaagatgt	ggatgggaat	acctaccagg	taacattcag	tgaggaatca	2580
ctgcccgaag	gccatggaga	cttcactcctg	ggctactata	gtcacaacca	cagcatcctc	2640
atcggcac	ctgaaccctt	ccagatctcg	ctgccttctc	cggagtgggc	cagcagcagc	2700
acagacagct	caggcaccag	ctcagagggg	gaggtgaca	gcacactgga	gctccttgca	2760
cccaagtccc	gcagccccag	tcctggcaag	tccaagcgac	accgcagccg	cagcccggga	2820
ctggccaggt	tccctgggct	tgccctacgg	ccctcatccc	gtgaacgccc	tgggtgccagc	2880
cgtagccctt	caccccagag	ccgcgcctg	tcccaggtgg	ctcctgacag	gagcagtaat	2940
ggcagcagcc	ggggcagtag	tgaagagggg	ccctctgggt	tgcctggccc	ctgggccttc	3000
ccaccagctg	tgcctcgaag	cctgggcctg	ttgcccgcct	tgcgcctaga	gactgtagac	3060
cctggtgggt	gtggctcctg	gggacctgaa	tcgggaggcc	ctggcgcccc	acagcctgtc	3120
tcctagtccc	ccaggggcca	tcgggggctg	gaggaagggg	gcctggggcc	ctgaggggtg	3180
ggtaggcaga	tgggccaagg	tgaccacat	tctgcctcaa	tcttttgcaa	gcccacctgc	3240
ctctctcctg	ctgctcctcc	agctgtatct	gcacctgcct	ctctgtcctg	gccaggggtg	3300
gacaactggg	gtcccccaaa	actcagtcct	ggcacctcaa	ctgtgacaat	cagcaaagcc	3360
ccaccagggc	ccccatctgg	gatgatggga	gagctctggc	agatgtccca	atcctaaagg	3420
aggtcatcca	ttaggaaaaa	aattctacca	gacctcaaaa	aaaaaa		3466

<210> 3579
 <211> 1900
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1901)...(119)

<223> similar to gi4530577 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3579

tttttttttt	ttgtgattat	acgtttttatt	agactcggga	ggggtatggc	agggcttcat	60
cagtgttcct	tcaaattaaa	aaaaaaatac	aaaagctacg	tagaaaacgt	cagatcagac	120
gactaaactt	tcccgaactca	gggccaagt	cttcttgagc	ctgcgctctc	gggacgcctg	180
cgagtcgggc	tccgagtagc	ggggcgggcg	gggcgggtag	taggcctctt	cctcctcctc	240
cttgtggggt	ctcctcctct	cctccgaccc	cttcttcctc	acagcctcct	ccagtagccg	300
cccatcatag	gggaggtccc	cggacctgga	gccgttggtc	cgaggggtccc	gggtacggtg	360
gtgggtgggac	ctgggggtcgg	caggaggggcg	ctcccgaagc	ctgaagtcgt	cgtagtgggg	420
gtcccgggag	cgtgggaagt	ccctcgagtc	gtcttggtca	tagaggtcgt	cccggctgcg	480
gctccgcggg	ggcatgtagg	cccggcttct	cctcccacca	ttactcgtgg	gagacctgct	540
ccctgactcg	gcggtgcctc	gggcgggggtg	aggtcgtcca	gggcgtccac	gggagcgggc	600
ccggggccgc	ctggcccggc	agccccccgc	ttgcctgctc	cctggcgggc	tcctggtccc	660
atcccctggg	actccggggg	gagtggccac	cccactcctc	atcccggatc	ggggtgaggg	720
cagggccccc	ggaaggccga	gatcgccagt	cgctcctcgt	gagggaggtg	acttcactca	780
tggcccgcct	cacacggcca	ctgggggggg	caggtcgaga	agggtcgaag	ttggccagct	840
ccttctccat	gtagtacagg	accgcgatgg	agtcgtcctg	ctggctggcc	tgaatcctgt	900
agccactgcg	gacacctgag	ctactcctgt	caacgtctcc	agggtatcct	ccagggtacc	960
cgttgtaggc	agggcccatg	ggaatcatag	ctggtggggg	tggggtcttg	gcgggagaca	1020
ggtgggcata	ggtgctgggg	gcataaatgc	tgggaacacc	tgaggtggct	gctttgccgg	1080
cggcatacag	ggcctcgggg	cagcagcact	tgtctgggca	gcagggggac	ctgacgtagc	1140
agcagcaagt	gtgcgggcag	cactggcacc	agcagatgcc	caggaggagg	aagatgagga	1200
aggcagccag	gcataccaca	accacgaaga	gccagtcttc	tatgggcccc	gcctgaaaac	1260
caggtaagag	ctcagccacc	cctgaggtcc	tcccaggagc	gatgagctct	gcgtaggcct	1320
cattgttccc	ctggagggtc	tgggctgaga	ccacggagca	gtaatacaca	ccactgtccc	1380
cccacgccgt	ctgggtcaaag	gtcaggtcag	catttccggg	gatggtaatc	ctccggccct	1440
ggtagtaatc	tcccagggtc	acagcgttgc	cctgcttggt	ggccacgacc	ctgacggtgc	1500
gcacgctgtc	ctggcactca	acgtaggggt	tgtagcctgg	gttcccggct	gccagctggg	1560
cattgagctg	gttgtcgacg	ctggccgggg	agaaggcatc	ggcgatgcgg	tcccggcaga	1620
aagacttgta	cttccagatg	acgatgggtt	gcgtgggggt	cgaggtcatc	tggtaggtac	1680
agggcagggg	cacaggctgg	aagaggatca	ccacgtggta	ggggttggac	acggtcacct	1740
ggatggccag	cgccatcgcg	gccgtctggg	cgcgtctggc	ccgcgcgtcc	cttccaaagt	1800
accttagggg	gcgcggcgcg	caccaaggcc	aggaggggtg	cacgctcctc	cccttcccac	1860
ttccgttcc	tgtccctact	ccaagtccgt	cctgttgcat			1900

<210> 3580

<211> 1610

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (344)...(1302)

<223> similar to gi2854163 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3580
ccactatcca tgtggtggaa ttcttctggc gccaggggcc gaccccacgt ctacctgcag      60
cgcatccagc tcaacaaccc cacggagcgc gtggccgcgc tgcagactgt ggggccact 120
gccggcccag cccccaaggc cttcaccagt accctggaga aggtcggaga ccatcagttc 180
ctcctctact caggccggtc cccgcctacg cccactgggt tgggtgcacct ggtggtggtg 240
gccgccaaga agctggtgaa ccgcctccaa gtggctccca agacgcagct ggatgagacg 300
gtgctgtggg tgggtgcacgt ctctggcccc attaaccccc aggtgctcaa aagcaaagca 360
gccaaggagc tcaaggcgct gcaggacttg gcacggaagg aaatgctgga gctcttgac 420
atgccagcgg cggagctgct tcaagaccac cagctcctct gggctcagct cttcagccca 480
ggagtggaaa tgaagaagat cactgacacc cacacgccgt ctggcctcac cgtgaacctg 540
acgctctatt acatgtcttc ctgctcgcca gcccactgc tcagcccctc cctgagccac 600
agggagcgag accagatgga gtcgacgctc aactatgaag atcactgctt cagcgggcac 660
gccaccatgc acgccgagaa cctgtggcgg gggcggtgt cctccgtcca gcagatcctg 720
cagctctctg acctgtggag gctgaccctc cagaagcgtg gctgcaaggg gctggtgaag 780
gtgggtgccc caggcatcct gcaggggatg gtgctcagct ttggggggct gcagttcaca 840
gagaaccacc tccagttcca ggccgacccc gacgtgctgc acaacagcta tgcattgcat 900
ggcatccgct acaagaacga ccatatcaac ctggccgtgc tggcggatgc cgagggcaag 960
ccctacctac acgtgtccgt ggagtcccgt ggccagcctg tcaagatcta tgcttgcaag 1020
gcaggctgcc tggacgagcc agtggagctg acctcggcgc ccacgggcca caccttctcg 1080
gtcatggtga cacagcccat cagccactg ctctacatct ccaccgacct cacacacctg 1140
caggacctgc ggcacacgct gcacctcaag gccatcctgg cccatgatga gcacatggcc 1200
cagcaggacc ccgggtgcc cttcctcttc tggttcagcg tggcctccct aatcacctc 1260
ttccacctct tcctcttcaa gctcatctac aacgagtact gtgggcctgg agccaagccc 1320
ctcttcagga gtaaggaaga tccagtgctc tgagtgaact aacagtcctg ctttcagcca 1380
ccatttgcac aagacaccca gcaactgaaa tcccgtgcc aggagcaagg gatcctttgg 1440
aagcaccgcg cctttgtgcc ttgttggggg aaaccggtga cgcagaagtg agtgtggata 1500
caccagagtt tgcattgga ggaatgagtg tcacgtgggg agggaaagggg ccagtggacc 1560
ttttgtaagc tttccactca ataaaatgaa cctgtatggc aaaaaaaaaa 1610

```

```

<210> 3581
<211> 767
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (49)...(617)
<223> similar to gi5802258 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3581
acagacacgc caagcttggc acgaggggggt ggtggggggtg tgcaaaaagg gcccctgcc      60
tctcccacac tggctcatga ggctgcaccc ctgcccgcgc ggcggggccc cccaccacc 120
aacctcttca ccaagctgac ctccaaactg acccgaaggg ttaccctcga tccctctaaa 180
cggcagaact ctaaccgctg tgtttcgggc gcctctctgc cccagggatc caagatcagg 240
tcgcagacga acctgagaga atcgggggac ctgaggtcac aagttgccat ctaccttggg 300
atcaaacgga aaccgcccc cggctgctcc gattcccctg gagtgtgaag ctgaccagct 360
cgcgcctcc tgaggccctg atggcagctc tgcgccaggc cacagcagcc gcccgctgcc 420
gctgccgcca gccacagccg ttccctgctgg cctgcctgca cgggggtgcg ggcggggccc 480

```

agccccctgtc	ccacttcgaa	gtggaggtct	gccagctgcc	ccggccaggc	ttgcggggag	540
ttctcttccg	ccgtgtggcg	ggcaccgccc	tggccttccg	caccctcgtc	acccgcatct	600
ccaacgacct	cgagctctga	gccaccacgg	tcccagggcc	cttactcttc	ctctcccttg	660
tcgccttcac	ttctacagga	ggggaagggg	ccagggaggg	gattctccct	ttatcatcac	720
ctcagtttcc	ctgaattata	tttgggggca	aagattgaaa	aaaaaaa		767

```

<210> 3582
<211> 2350
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (2352)...(515)
<223> similar to gi5817018 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3582						
tttttttttt	ttcaaatgca	gcatatttta	at ttgtttca	aataaagcaa	tatatgtata	60
tatatttttt	cagaaaaaca	ccagatgtta	aattctacaa	aagcgcagtg	gtcctcagca	120
gatcatgttt	gtctgattat	taagaattct	tttttgtaac	attaactctc	taaagacaat	180
caatggactg	acatcactgc	tacaacacag	gttgctaact	gagcctctga	tcttcagcca	240
catcttgatt	ttcctaataa	tgagtaaata	ctgcctggct	aaaatgctgc	aaagtcttga	300
tgagagaaaag	catcaacaga	tcaagcaaag	ccatgaaaat	tatgaagcaa	gctagagctg	360
attattagaa	ttagtaaaaa	tgattaagag	aggatgacac	aaccatacgg	gatttgtata	420
ttctgattga	cactcttttg	gcagcgaatt	gggtcagcac	ctcgggcagg	gaacccaaaac	480
tgagtgaaaa	ctgctctttt	tcctcctagc	tcaggccacc	aacgtcacag	ccggggactga	540
gagaactgct	gcatctgtgg	aaacttctat	tctcgtgggg	cagagattgc	actgtgaaac	600
cctaccgaca	ctaccccgga	agggcctggc	ctccgagggt	tctgcagcgt	gctgccttcg	660
ccggggcctt	tcagaatggg	ccggggcctc	gggggtcttc	atccccaagg	aagcctcttg	720
at ttttgga	ccgcctttgt	ttttgggccg	gaagccgttg	tgcggtctgc	ttctgtgttc	780
gtggcggtctg	ttgccttttc	ccagtggctc	ggcttcattc	ccactgccct	gcgacttggc	840
aggcccat	agcctgttgt	tatgatactg	tggattaaat	ctccgtcttt	ggttagaaga	900
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 <213> Homo sapiens

 <220>
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 <222> (1)...(851)
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 Run with FASTXY 3.3t00, default parameters

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 <211> 4460
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (28)...(3450)
 <223> similar to gi5733391 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 <211> 1157
 <212> DNA
 <213> Homo sapiens

 <220>
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 <222> (17)...(821)
 <223> similar to gi4138016 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 3586
 <211> 2708
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2707)...(1603)
 <223> similar to gi2623162 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ggcaggctgt	ccaggttctc	cacaaggttc	accccatggg	tgggactctt	gctgctgaga	1620
tgttccttga	tggctttata	ctccagtgtg	gcggcctggg	cctccagcgc	catctggggc	1680
acctcgctca	ttttgggctg	gtccacgtac	tcattgctgg	agccctgctg	cgtgatgggc	1740
aggaccacca	cgctggggat	gtggctgggg	gagggccgca	ggggcaggtc	ccgtgggaat	1800
cacaggggga	gccccatggg	ggcatgtcct	ttgtgcaggc	attgatgagg	ttctggttcc	1860
tctccactc	gcggctgcgg	cggtctgggt	tccgcttctg	ctgcagcgtt	gggggtgact	1920
ctgggggtgg	gagggccgtc	aggtccagg	ggtgctggtc	tgttttaatt	agcatcttgg	1980
ccgtgttgcc	gggagtggcg	agcttgccgt	tgtgcatgag	tggcgtgagg	atggcctccg	2040
gctttgggtc	tttggaattga	gtgtcccca	agaggccgct	gagcttggtg	acgtgctca	2100
tggagccccg	gcgcgagtgg	gtgagctcct	tctccttgcg	ctgcaccaca	gccacgtctt	2160
tgcgccgatg	atcacagacg	cagtagacgg	tgatgcccca	gaagacggcc	cccatgacga	2220
aagccaggat	gactgcaatg	gccaaagggg	tgacgggaac	cagctgggtc	tggcctttga	2280
ggtaactttc	ccgaatcact	ccattcttgt	cttgggtgatt	atgggaagac	actgccccca	2340

<210> 3588
 <211> 2018
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (53)...(453)
 <223> similar to gi5441607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3588
 attgcccgcc tgagaattcg gacgcgctcc ggctcgtagc ccacagccca ctgccggcgg 60
 ctggggcgctg ccgaggctcg gggcgcgcg cgttggcgtc tgccagtgcc aagactgtgc 120
 cgccccaca gccgaggcgc gaaaggggga cggccggcct ctggggcgct gccttcgctt 180
 tctcttcgtt gttgcgaacg ccgtccgctc aggaggcgcc ccgcgaccgg cgcgatgagt 240
 gccaacgagg accaggagat ggaactagaa gcattacgct ctatttatga aggagatgaa 300
 agtttccggg aattaagtcc agtttctttt caatatagga taggtgaaaa tggatgattccc 360
 aaagccttct taatagagat ttcctggaca gaaacatatc cccaaacacc tccaattcta 420
 tctatgaacg ctttttttaa caacaccata tcatcagctg taaagcagag tatattagcc 480
 aagctacagg aagcagtaga agctaattctt ggaaccgcta tgacctatac attgtttgaa 540
 tatgccaaag acaataaaga gcagttcatg gagaatcaca atcccatcaa ttccgcaaca 600
 tcgataagca atatcatctc aattgaaact cctaatacag ccccatcaag taagaaaaaa 660
 gacaaaaaag aacaactttc aaaagcccag aagcgtaagc tggcagacaa aacagatcac 720
 aaaggagaac ttcctcgagg ctggaactgg gttgatgttg tgaagcattt aagcaaaact 780
 ggctctaagg atgatgagta gcacttggaa tttgagacaa ggaaagagca ttctttaaag 840
 agtaaaactg ggttcaaaat ctttcattac tattttctgg tattgaggcg actttttata 900
 aaacacaatt ttttgatgtt ttcttacatt aaaaagggtt taagttgaaa gttcatgaag 960
 agatcttggt gtattaaatt attttcacaa acttgcctta ataaaagggtg aaaatgttac 1020
 tgttttagtat actttatgaa gcccttgag ctttataaat ggacaggcat ggggaataag 1080
 aatcagtgtt aatttaaatg atcttatcct ggtggatgtg ctattttctt aaaggagtat 1140
 gaagcccttt tcaaactatc atcccagtg agcggagtac tcagtgaaca gttactccat 1200
 agtgcaatcc atattaatag gcttcttctc ttaagtcttc atctcttctt ttgcttaatt 1260
 actgaaccgt aaattacttc agagaaattht aatgctggtt atttgaactt tatacatgat 1320
 actttttgta gtttctttta atttttgaaa gatgaactgc ttccttttaa taaattaata 1380
 tctatttata cttttctctt gatttgggtc aagatgtttg atcatgagtg ctttgagtgg 1440
 tatgtggaat aggagaatat aaaaacaaat ctgccaaata cactagaaag catttttagta 1500
 agaaatgctg gccctttctt aaaacatttc tcttgcatat accaggatgg gaggtaaaaga 1560
 tgccttaata tttagttttt gtattgttgg agacattgat tttataaaaa tcctatttat 1620
 ctgctgttgt gtgcttttag ttgttgata actgaggtct cctaaatggt tcaacataaa 1680
 accacatttc aagtcttggt tctttttgga gtgtcttttc aagtattcaa atgtatttct 1740
 caacctgagc atctttttta tcatatacat gggagtcttt taaatgctga actgtttacac 1800
 atgcttgatt taaaaataat aataatagag gaaactattg gtctagttgt gccaaagaaa 1860
 gtttctgatg tttatgtgtg atgtacagtg attttgtata tgcgcccagc ttttaagaaca 1920
 cataaaacta ttacgtctgg taggaagatt gttagtgcct caagttacac ctgtgcagct 1980
 tgggtctgag ttttgataga acagtaaaca tttaaagc 2018

<210> 3589
 <211> 1490
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1493)...(1133)
 <223> similar to gi4884100 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3589
 tttttttttt ttaaggatga gaagagattt tagttattca gtgttttcat gagtttcaac 60
 atagggatat agatacaatc agcttcttac atagtttact atctggggag agaacatgaa 120
 agacactggt taacagtgca aataattcca gggaataaat atacatgaat gtgttttttc 180
 aaaaatacca ggttctttat acaaatgtat aacctaaata ctgatcccca tagtgggggt 240
 ggggttgtaac tgaaaggggc tttgaggaaa agggcttttg aataaaacta ggtcatccac 300
 cctagcccaa agatcccttt cccagccagg cacaaaaggg aatttggtta gggaggaaca 360
 gaggtttaac tgttcaggta tctttcctaa ttctggtaaa tttttcccca agttttgaaa 420
 aatacccatg gaagaatcct taggaatgcc cagtaacca ggggaatgggg atatttgga 480
 tatccacaac atcctacagg ctataatata ctccgaatgc cttctcaatg tggggaagta 540
 tgagaagtta gataattctc ctagtgtctg gcttctcttt tctttgccgt tccctctcat 600
 acgttcaatc accctgtgtt acaggacaca cagtaagtag tgggaagggt ttaagacttt 660
 gacagcaaag caaggtcaga ggtagagggg aatgtttaac caatcawtgt tcaaataata 720
 gctactcaat gaagagtatt aggtttaaag agcgagrata ttcaccatta ctgagaaatc 780
 tsragtttct cattcaattt cgcattgcac tttgctaaca caaactaaat ggggtgtacat 840
 ttttgagtgc tgattttatta ctcaaagggt tgaatttggg gactgaaaca aaccatgctt 900
 tatctgtgta ctttgagaaa atccatccac aagaaaggag ccaagcgtca gtttccaatg 960
 gggggaacat tctcatggag gtactgtaag gctaagtctg tccacttcat ttcttggtct 1020
 ttgacagatt ctgtggtgcc accattgtct tgttcagggt caggaagctc attcagtggg 1080
 attgcgacat cctcataagg cagcttgtct tctcgccaag catcatcaat caaatccaag 1140
 atccttccac ctctctgaac ctactgtcc attttcctgc agctttgatc ttgtcaaatc 1200
 gtacgacagg cgtccctca gctgcggctt cctgcctyca ggcaggatgt accaaacgtg 1260
 gaagcggaga cggggagggtc tgggggtgcc acgcaagtcc ctttctccc gacacgagtg 1320
 cagtaaagaa aaacggttat gagcgtaaag tgacagcctc ggccgatggg aatagggggr 1380
 aagtccgaca ctgagcaacg aacgcattcc cgcgcctcca aaacctaggc cgggggcgct 1440
 ggaaaccctt accggcaccc ggccaccgcy gcagacgctt gctcctgcca 1490

<210> 3590
 <211> 2177
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(977)
 <223> similar to gil916617 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	3590					
cggttcgtg	gaagcggg	aggagtgtta	ctgcgtttcc	tggccaggag	tgcgcgacc	60
tctgctgctt	tgctcacaac	tgctcgctgc	gcccgggggc	ccagtgcgcc	cacggggact	120
gctgcgtg	ctgctgctg	aagccggctg	gagcgctgtg	ccgccaggcc	atgggtgact	180
gtgacctccc	tgagttttgc	acgggcacct	cctcccaactg	tccccagac	gtttacctac	240
tggacggctc	accctgtgcc	aggggcagtg	gctactgctg	ggatggcgca	tgtccacgc	300
tggagcagca	gtgccagcag	ctctgggggc	ctggctccca	cccagctccc	gaggcctggt	360
tccaggtggt	gaactctgcg	ggagatgctc	atggaaactg	cggccaggac	agcgaggggc	420
acttcctgcc	ctgtgcaggg	agggatgccc	tgtgtgggaa	gctgcagtgc	caggggtggaa	480
agcccagcct	gctcgcaccg	cacatggtgc	cagtggactc	taccgttcac	ctagatggcc	540
aggaagtgac	ttgtcgggga	gccttggcac	tccccagtg	ccagctggac	ctgcttggcc	600
tgggcctggt	agagccaggc	acccagtg	gacctagaat	ggtgtgccag	agcaggcgct	660
gcaggaagaa	tgcttccag	gagcttcagc	gctgcctgac	tgctgccac	agccacgggg	720
tttgcaatag	caaccataac	tgccactgtg	ctccaggctg	ggctccaccc	ttctgtgaca	780
agccaggctt	tggtggcagc	atggacagtg	gccctgtgca	ggctgaaaac	catgacacct	840
tctgtctggc	catgctcctc	agcgtcctgc	tgctctgct	cccagggggc	ggcctggcct	900
gctgttgcta	ccgactccca	ggagcccatc	tgacgcgatg	cagctggggc	tgcalaaggg	960
accctgcgtg	cagtggcccc	aaagatggcc	cacacaggga	ccacccccctg	ggcggcgctt	1020
accccatgga	gttgggcccc	agcaccactg	gacagccctg	gccccctggac	cctgagaact	1080
ctcatgagcc	cagcagccac	cctgagaagc	ctctgccagc	agctctgcct	gacccccaa	1140
cagatcaagt	ccagatgcca	agatcctgcc	tctggtgaga	ggtagctcct	aaaatgaaca	1200
gatttaaaga	caggtggcca	ctgacagcca	ctccaggaac	ttgaactgca	ggggcagagc	1260
cagtgaatca	ccggacctcc	agcacctgca	ggcagcttgg	aagtttcttc	cccgagtgga	1320
gcttcgacct	acccactcca	ggaaccaga	gccacattag	aagttcctga	gggctggaga	1380
acactgctgg	gcacactctc	cagctcaata	aaccatcagt	cccagaagca	aaggtcacac	1440
agcccctgac	ctccctcacc	agtggaggct	gggtagtgtc	ggccatccca	aaagggctct	1500
gtcctgggag	tctggtgtgt	ctcctacatg	caatttccac	ggacccagct	ctgtggaggg	1560
catgactgct	ggccagaagc	tagtggtcct	ggggccctat	ggttcgactg	agtccacact	1620
cccctggagc	ctggctggcc	tctgcaagca	aacataattt	tggggacctt	ccttcctggt	1680
tcttcccacc	ctgtcttctc	ccctaggtgg	ttcctgagcc	ccccccccca	atcccagtg	1740
tacacctgag	gttctggagc	tcagaatctg	acagcctctc	ccccattctg	tgtgtgtcgg	1800
ggggacagag	ggaaccattt	aagaaaagat	accaaagtag	aagtcaaaa	aaagacatgt	1860
tggctatagg	cgtggtggct	catgcctata	atcccagcac	tttggaagc	cggggtagga	1920
ggatcaccag	agggcaggag	gtccacacca	gctggggcaa	cacagcaaga	caccgcacct	1980
acagaaaaat	tttaaaatta	gctgggcgtg	gtggtgtgta	cctgtaggcc	tagctgctca	2040
ggaggctgaa	gcaggaggat	cacttgagcc	tgagttcaac	actgcagtga	gctatggtgg	2100
caccactgca	ctccaggcctg	ggtgacagag	caagaccctt	gtctctaaaa	taaatTTTTaa	2160
aaagacatat	tacactt					2177

```
<210> 3591
<211> 489
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (490)...(41)
<223> similar to gi4096055 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```



```

<400> 3591
tttttttttt ttacagattt tggcttttat tctggccatc acacatctac ttctaagaca    60
acacagaccg gcagtacccc atcccccatg accactgtca caacccaat ttcctcagcc    120
ccctcctccc accccacccc ttctgccaag ctccccgtat gggggctctg cctacacctc    180
accccgggca tgcagcatga agtgcccgtg cagctccccc aggttgctga aggaatcctc    240
acattccgta cagtggtagg ttccctcctc ctccctcttc tcctcctcct cccgcccagc    300
tggtcggccc tccccagccc gaggtggttc ctccctcttc tccccgaggg ccctgccttc    360
aggggctggt gcttcctggg gggctgtagc agggcagcag aacctgcagg gtggggttcc    420
cggtggggcc tccccaaagg gtgagcggcc acagagctgg caaggctggg ccgggggctg    480
ggctgcacg

```

```

<210> 3592
<211> 933
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (875)...(252)
<223> similar to gi212659 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3592
tttttttttt ttaacgggaa aggatgagtt acgtttattg ccccatccct tcaactgaatg    60
tttacattaa caaacaccaa agagcaaact gggcttccta cactgggcca tgcagaggac    120
aggccaagaa actccacatc ataacagcct cctgatgcct gggcttggtt ggagctcaca    180
tgagggtgctt tgatttcttc tgcagactct cggtgatgga tgctacaact gacttatcat    240
ctttgtcata gacgggtgagc gtgcagctgc tgcggctcct tgcccagctc gttctccacc    300
agcacgctgt aatcgccgct gtccttgagc gcgcagggtg ggatgacgag ggtgcacacg    360
ccgctgggtg agttgtacca gaacttgag ttggccgtga tgttgacgtc gcccttgtag    420
agggtcactg tgggccgagg gttcccaagg aaggcgcagg tcatgggtgca gtcctggccg    480
cggagcaccg tgtgtggctt gaggggcgct acgaagcgcg gcgcgtggcg ccagtccttc    540
ttctcgtagg gcttgagctt ggcgctcagg tcctggatct ggtccttatt gatgagccag    600
gtgtccctgg agtcaagtgg ctcaactgtc ccgatttcat tccgagccac cactctgaag    660
tagtacttcc tgcctgggag cagccccgtc actgtgtact tgttgctgaa gacacgctcg    720
gctgcccgtg accaggtggc tgtgcttgca tcccgttca tgatgatgta gtgagcctca    780
ccgtcctcct gcacatctgg gctgtggttc caggtcagag tcaactgtgt ggggacttcc    840
tcaacaacc gtaggtttgt ggggggcccga gggaaatctg gaagagttgg aagatctgtc    900
agcgaccttg gggcacctga agtattatgt ccc

```

```

<210> 3593
<211> 1779

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (146)...(955)
<223> similar to gi2462828 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3593

tttcgtcttc	actatggcga	cggtgggggc	tccgcggcac	ttctgccgct	gcgcctgctt	60
ctgcaccgat	aacttgtag	tggcgcgcta	tgggctgcac	gtgcgcttcc	gagcgagca	120
gcagctgcgc	cgggactacg	gcccgatcct	gcgcagccga	ggctgtgtta	gcgccaagga	180
cttccagcag	ctgttagcag	agcttgagca	ggaggtggag	cggcggcagc	ggctggggca	240
ggagtcagca	gctaggaaag	ccctcatcgc	gagttcctac	cacccggcac	ggcctgaggt	300
ctacgactca	ctgcaggatg	cagctctggc	ccccgagttc	ctggccgtga	ctgagtacag	360
cgtgtcccca	gacgcagacc	tcaagggcct	tctccagcgg	ctggagacag	tatcgaggga	420
gaagcgcac	taccgggtgc	ctgttttcac	agcgcccttc	tgccaggccc	tgctggaaga	480
gctggagcac	ttcgagcaat	cggacatgcc	taaggggagg	cccaacacca	tgaacaacta	540
cgggggtgctg	ctgcacgagc	tccgggctgga	cgagccgctg	atgacaccac	tgccgggagcg	600
cttcctgcag	ccgctgatgg	ccctgctgta	ccctgactgt	gggcgggggc	cggctcgaca	660
gccaccgggc	ctttgtggtc	aaatacgcac	cgggccagga	cctggagctg	ggctgcccac	720
tatgataatg	ccgagctcac	cctcaatgtg	gccttgggca	aggtcttcac	agggggcgcc	780
ctgtattttg	ggggcctctt	ccaggcacc	acagccctga	cggagccctt	ggaggtggag	840
cacgtggtgg	gccagggtgt	cctccaccgt	ggcgccagc	tgcatggagc	ccggcccttg	900
ggcactggtg	agcgttgga	ccttgctgct	tggctccgag	cctctgctgt	gcgcaacagc	960
ctctgtccca	tgtgctgccg	tgagcccgac	ctggtggacg	atgagggctt	cggatgatggc	1020
ttcaccgcag	aggagcccg	cacggtggat	gtatgtgcgc	tcacctgagc	ttgcttgggc	1080
ccagtgtggg	ggtggcaggc	aggtgagggc	tccggtgcct	tggctgggg	gcagaaataa	1140
aatcccgca	gcctactgca	cttcttggct	caacggtgtg	ccagcttctg	ggtcattcta	1200
tggggcaaa	atgctgcctt	agttcaggtt	tgtcagaagc	agggctctga	atggggcttc	1260
agcgagggag	tcagggaagc	aggggagggg	agggagcagc	tgggcaagga	agtggcttca	1320
gaggacgtcc	agcctcagct	ggccccacgg	agagctccag	gcagagccca	cagtaccaca	1380
gtgtgcccac	accaccggtt	actggctcct	ggatgagggg	gccagagagg	agtgaataac	1440
ttcccagaca	cttacctcca	gggcagggtg	ccttccagta	gccaagggaa	gcctccagag	1500
agcacagatg	tgaacctca	gcagcaggca	tcacccccca	gtggactcgg	gtggggccacc	1560
agtagcatct	tctagatggc	agaggggtga	atggcagggc	caggaaccag	gctgcccggg	1620
ttccatttct	gcttttgcca	cttccagctg	tgtggcttta	ggtgagcctt	caccttttgg	1680
tgcttgcgtt	tcctcattta	gcccctacct	cctagagctg	ttttgggagt	caaatgcgct	1740
gacgtatata	aagtgccttg	caagatcaaa	aaaaaaaaa			1779

<210> 3594
<211> 819
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (2)...(820)
<223> similar to gi5410527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3594

attttcacat	tgccaggtac	cagaaacaca	gaagactgac	acccgccact	taagtggggc	60
cagggctggt	gtctgcccac	gttgccatcc	tgatgggctg	cttgccacaa	tgagggatct	120
tcttcaatac	atcgcttgct	tctttgcctt	tttctctgct	gggtttttga	ttgtggccac	180
ctggactgac	tgttggaatg	tgaatgctga	tgactctctg	gaggtgagca	caaaatgccg	240
aggcctctgg	tgggaatgag	tcacaaatgc	ttttgatggg	attcgacact	gtgatgagta	300
cgattccata	cttgcgagac	atcccttgaa	gctgggtgga	actcgagcgt	tgatgattac	360
tgcagatatt	ctagctgggt	ttggatttct	caccctgctc	cttgggtctg	actgcgtgaa	420
attcctccct	gatgagccgt	acattaaagt	ccgcatctgc	tttgttgctg	gagccacgtt	480
actaatagca	ggtaccccag	gaatcattgg	ctctgtgtgg	tatgctgttg	atgtgtatgt	540
ggaacgttct	actttggttt	tgcacaatat	atctcttggt	atccaatata	aatttggttg	600
gtcctgttgg	ctcggaatgg	ctgggtctct	gggttgcttt	ttggctggag	ctgttctcac	660
ctgctgctta	tatcttttta	aagatgttgg	acctgagaga	aactatcctt	attccttgga	720
gggaaagcct	attcagccgc	ggggtgtttt	ccatgggcca	agtcatactc	agccccctgc	780
acagagacgg	ccaaaatgta	tgctgtagac	acaagggtg			819

<210> 3595

<211> 1843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (258)...(1366)

<223> similar to gi4586963 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3595

ctggtattca	tacagtgaca	gagggagtg	ttttagaaat	ttatagctgt	ttctaggtga	60
aaacactggt	tgatttagct	cccttggtaa	gagcactgag	cagaaagaag	ttccctatca	120
aatgggtgtg	tggagcagcc	ctgttctccc	catcccgtag	agctccagga	agttaaccag	180
ggacttcagc	tgcgacctgc	agatttctaa	gccccctgt	tatttctctg	tcttttacgg	240
gcctgtgtat	ttcagacttg	gtggtggcag	tcaacggggt	ctggatcctc	gtggagacat	300
ttatgctgaa	aggtgggaac	ttcttctcca	agcagtgcc	ctggagttac	ctcgtctttc	360
taactatcta	tggggtggag	ctgttctctga	aggttgccgg	cctgggacct	gtggagtact	420
tgtcttccgg	atggaacttg	tttgacttct	ccgtgacagt	gttcgccttc	ctgggactgc	480
tggcgctggc	cctcaacatg	gagcccttct	atttcatcgt	ggtcctgcgc	cccctccagc	540
tgttgaggtt	gttttaagttg	aaggagcgct	accgcaacgt	gctggacacc	atgttcgagc	600
tgtgccccg	gatggccagc	ctgggcctca	ccctgctcat	cttttactac	tccttcgcca	660
tcgtgggcat	ggagtctctc	tgcgggatcg	tcttcccca	ctgctgcaac	acgagtacag	720
tggcagatgc	ctaccgctgg	cgcaaccaca	ccgtgggcaa	caggaccgtg	gtggaggaag	780
gctactatta	tctcaataat	tttgacaaca	tcctcaacag	ctttgtgacc	ctgtttgagc	840
tcacagttgt	caacaactgg	tacatcatca	tgggaaggcgt	cacctctcag	acctccact	900
ggagccgcct	ctacttcatg	accttttaca	ttgtgacat	ggtgggtgatg	acgatcattg	960
tcgcctttat	cctcgaggcc	ttcgtcttcc	gaatgaacta	cagccgcaag	aaccaggact	1020

```

cggaagttga tgggtggcatc acccttgaga aggaaatctc caaagaagag ctggttgccg 1080
tcctggagct ctaccgggag gcacgggggg cctcctcgga tgtcaccagg ctgctggaga 1140
ccctctccca gatggagaga taccagcaac attccatggt gtttctggga cggcgatcaa 1200
ggaccaagag cgacctgagc ctgaagatgt accaggagga gatccaggag tggatatgag 1260
agcatgccag ggagcaagag cagcagcgac aactcagcag cagtgcagcc cccgccgcc 1320
agcagcccc aggcagccgc cagcgctccc agaccgttac ctagcccagc gcccgaaagc 1380
cgtctcttct atgcaataac acaatagtat tactctactg cgatgtacgg aactgcggtg 1440
tgtgtacaca tactcacgta tatgcacata tttatataca ggaagaaaaa agacagacaa 1500
gatggggctt ggtttataac caccttgccc tgtcttcctt aactccagaa gccagtttgg 1560
tgaggggtgg ggggtgcggc accaggtctg agctcttcct actgtggaag gctccagaag 1620
gcccttcaca aggagacccc tcacctggat ccagtcgact gcggggcttg cccctcatgt 1680
gggctggcct ccacgcggca cgtccaaagc tgtcactgct actgcttcag gctcacatcc 1740
ccccgacctg atggcgtgcc cgccccctct cctgcggggc catgccacag gtttctgtgt 1800
tttgcttttag ggacagaacc acttaggaag gaaagaactc ccg 1843

```

```

<210> 3596
<211> 4917
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(4917)
<223> similar to gill136426 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3596
aggactacat cgagaagcac tgcccagagcg ccgtggtgcc ggtggagctg cagaagctgg 60
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tgggtggacgc cgacaactgc ctgcaccgcc tctacggcgg cttctacacc gactgggtca 180
gcggcgggcca gtggaaccac atgcttggct acctggcggc gctggccaag gcctgcttcg 240
gcggcaacat cgagctcttc gtcttcttca acggcgcgct cgagaaggcc cggctgcacg 300
agtgggtcaa gcggcagggc aacgagcgcc agacggcaca gcagatcgtc agccatgtcc 360
agaacaaggg cccccgcgcg ccaaagggtct ggttctctgc gcccgctctgc atggccact 420
gcatccgcct ggcgctcatc cgcttccacg tcaaggttgc acagagcatt gaggatcacc 480
atcaggaagt gattggtttc tgcagagaga atggtttcca tggcttgggt gcgtatgact 540
ctgattatgc actgtgcaac atccccctact atttcagtgc ccatgcccta aaactgagcc 600
ggaacgggaa aagttctcac cacaagccaa tatctgatgc atgaagttgc caagcaactg 660
gacctgaatc caaatcgttc tctattttt gctgctctct taggaaatca cattctgct 720
gatgaagatc tggcttcctt tcaactggag ttacttggtc cagaacatcc actagcctca 780
ctaaagggtcc gggcccacca gctggtcttg ccaccttgcg acgtagtgat caaagccgtt 840
gctgactatg tacgcaacat tcaggacacc tctgacttgg atgccatagc taaagatggt 900
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cccggtccgt ttggaatgcc tgggatgggt ccgccgcatg ttctctctca gatgctcaac 1080
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acgagcggga agaattctgac ggagcagaac agctacagca acattcctca cgaaggggaag 1260
cacacgcgcg tgtatgagcg gtctctgccc atcaaccggg cccagagcgg cagccccaac 1320
cacgtggatt ccgcctactt ccctggctct tctacatcgt catcttccga caacgacgag 1380

```

ggcagcggag	gggcgacaaa	ccatatcagc	gggaacaaga	ttggctggga	gaagacggga	1440
agccactcag	agcctcaggc	acgaggagac	ccaggagacc	aaacaaaggc	agaaggctcg	1500
tccactgcct	cttcaggaag	ccaactagcc	gaaggcaagg	gaagccagat	gggactgtc	1560
cagccaatcc	cgtgcctcct	gtcgatgcc	accaggaacc	acatggacat	caccacacct	1620
cccccgcccc	ccgtcgcaacc	tgaggtgctg	agagtggccg	agcacaggca	caagaagggg	1680
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cagtatgttt	acggagtcct	gttttagttt	gcagaaagca	gaaagaaaac	tgagagactt	1860
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tggacctgcc	ccaacctgaa	gaggctgtgg	ttgggtaagg	cggtagagga	caagaaccgc	2040
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cctgcctctg	cgtacccccg	gcactttggg	cctgtcccac	cctctcaggg	caggggcaga	2640
ggctttgcag	gcgtctgtgg	ctttggaggc	ccctatgggg	aaacggtagc	aacaggccct	2700
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cgggggcctt	tccccctgca	ggtggtttct	gtcggaggac	cagctagagg	gcgtccaaga	2940
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ggttacaaaa	accaggcagc	aattcagggc	agacctcctt	atgctgcttc	agcagaagaa	3060
gtggccaaa	aacttaagtc	aaaatctggg	gaatcgaagt	cctctgctat	gtcttcagac	3120
gggtcccttg	ctgaaaaagg	agtgatggcc	gaggagaagc	cggtcccca	gatgaacggg	3180
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aaggatgctg	gaagggtgaa	gatttaggaa	tatctggaga	gaaagagagc	ctgcagttat	3420
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gatatcagag	atttaaaca	cacattttta	gttttaacca	gttgtagtca	aaatgctaca	3540
ataaaacaaa	aaagagaaag	aaaatgaaga	gcatttgact	cccgcactta	aaatgaagta	3600
cacataaagt	ttaaactggg	tatgacaaaa	gcctatagtt	gtgtttcttg	aactataaag	3660
aaaacaaatt	ttggcagctc	ttaagtatat	atagcttaaa	atataatttt	tagcatttgg	3720
caccatatgt	atgccattat	atttgatttt	gcattactgt	ttcacaatga	agctttcttt	3780
aaggctttga	tttttatgat	tatgaaagaa	ataaggcaca	accacagttt	ttctttctta	3840
aatttcatca	ctgttgatgt	ggttcttttg	tgttaaaaaa	aaaaagtgc	actatcaaaa	3900
ctaaaaaatt	atagagtaat	attgccgttc	tgctgatatt	aaatatacaa	tacatcatac	3960
atactttaca	agcaagttaa	atggagataa	agttgaaatc	atagaagatg	caaatgacct	4020
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ctgcatgggt	cataattttt	aaagtgtgta	gttaatatgc	atgttatcgt	cctttcttcc	4200
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taaaagatgt	ttaactctgt	tagtcattga	ctgatcttgc	tctaacctta	aaattttgtg	4320
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aaacaatgta	ctttgaaatc	agaatcactt	cttatcgttt	tcatatactt	ctgatgctct	4680
tcatcacatt	agtgatcaga	aatgagggtg	aattccccaa	ccctgcccgc	caagagctaa	4740
gtaggatctt	actgtaagtt	gaaggggagt	ttgccctaac	tcatggattg	tgcaagaatg	4800

aactgctgtt	gggtttgatt	gactgtcgat	ggatttgtgt	gtggtgtatc	tgaaggctat	4860
tgaatgcaac	ttacaatgct	taataaaaaat	ctttatttctt	ttagtataaa	aaaaaaa	4917

```

<210> 3597
<211> 2401
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(1608)
<223> similar to gi4102707 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3597						
cagcttccccg	gtcaggtacc	tgggtcacgt	ggaggtagag	gagtccccggg	gaatgcacgt	60
gtgtgaagat	gcggtgaaga	agctgaaggc	gatgggcccga	aagtccgtga	agtctgtcct	120
gtgggtgtca	gccgatgggc	tccgagtggg	ggacgacaaa	accaaggatc	ttctggtcga	180
ccagaccatc	gaaaaggtct	cctttttgtg	tcctgaccgc	aacctggaca	aggcttttctc	240
ctatatctgc	cgtgacggga	ctaccgcgcg	ctggatctgc	cactgttttc	tggcactgaa	300
ggactccggc	gagaggctga	gccacgctgt	gggctgtgct	tttgccgcct	gcctggagcg	360
aaaacagcga	cgggagaagg	aatgtggggg	cacggccgcc	ttcgatgcc	gccgcaccag	420
cttcgcccgc	gagggctcct	tccgcctgtc	tgggggtggg	cggcctgctg	agcgagaggc	480
cccggacaag	aagaaagcag	aggcagcagc	tgccccact	gtggcttcct	ggccctgccc	540
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gagcagctgg	ttcgccaggg	ctccttccgt	gggttcccag	cactcagcca	gaagaactcg	720
cctttcaaac	ggcagctgag	cctacggctg	aatgagctgc	catccacgct	gcagcgccgc	780
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ccccctgcag	ctgccttcca	gcctgggcac	aagcggacac	cttcagaggc	tgagcgatgg	1020
ctggaggagg	tgtcacaggt	ggccaaggcc	cagcagcagc	agcagcagca	gcagcagcaa	1080
caacagcagc	agcagcagca	acagcaacag	cagcaagcag	cctcagtggc	cccagtcccc	1140
accatgcctc	ctgccttgca	gcctttcccc	gcccccggtg	ggccctttga	cgctgcacct	1200
gcccagtggt	ccgtgttcct	gccacccccca	cacatgcagc	ccccttttgt	gcccgcctac	1260
ccgggcttgg	gtacccacc	gatgccccgg	gtgcccgtgg	gtgggcatca	caccctcaca	1320
gatggtggca	aacgccttct	gtcagccgc	ccagctccag	cctcagcctg	ccactctgct	1380
tgggaaagct	ggggccttcc	cgccccctgc	catacccagt	gccccctggga	gccaggccccg	1440
ccctcgcccc	aatggggccc	cctggcccc	tgagccagcg	cctgccccag	ctccagagtt	1500
ggaccccttt	gaggcccagt	gggcggcatt	agaaggcaaa	gccactgtag	agaaaccctc	1560
caaccctttt	tctggcgacc	tgcaaaagac	attcgagatt	gaactgtagc	ccgagccgcc	1620
ccaccacttc	catcatctcc	agggtgcccc	cgctggggg	tggaggcaca	acctctcccc	1680
taaccctgct	ccctgggggt	gcgccccctca	acacctctc	aacaccccc	tcctcaacc	1740
accccgacaa	ccactacaga	accaacattg	tgacgcccag	gttgcaacag	gatggaattc	1800
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cactccattt	cccagtttct	gttgaccccc	accttccagt	gttggacagg	atggaggggg	1980
gacacttgct	taggggtctc	cctgggcccc	acaccagtgc	ccaccccaaa	tctggtcgtc	2040
tcctcccccc	atgcacagca	caagctaagg	gctgccctct	gccacacgc	tgcgttccact	2100

09483735.012100

```

gccaatgctg tactcacctc catcacccctc caacttttggg gcccatgtct tccttggggcc 2160
aaggtctcat gggggctagg gccaagttag gggcccagga ggcggggagg gaggaggagg 2220
agaagatgcg cagttacctc atgtcgggtgc ccgctgggga ggggtccggg aagaagggga 2280
aggggtgcct ggcgggtact tttctatctt ttattttccag attttttttg tatctaaact 2340
tgaagatttg tattatacaa ggacagccaa taaaggaaga atataatggt gaaaaaaaaa 2400
a                                                                                   2401

```

```

<210> 3598
<211> 1033
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1033)...(331)
<223> similar to gi3746840 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3598
tttttttttt ttagtgcaag aaatgctgca tcattgaagc acttgagaat taccatgaaa 60
tctaacaaaa aatgtcatca actcaggagt aataataaaa aagagaaaaca accagagagg 120
cacacagatt gttgtttttt taaaaggatt tttatactat attaaaaaac cacaaaaataa 180
aaaagggatc aatcaacata tatcttagaa gtccttccaa gagtcttggt atgcaacagc 240
catggaggct gtgacctttt tccttctttt ctcagcctgc agttcattta aggatcaccg 300
gagatgactc gtgctctagt tcttaaaatc aaacttggtc tgccaaatcc aagacctga 360
atttgtccaa attgtagaaa catgctttta ccaccogtcc accaaaatac ctcccattca 420
agtcaacaac cgctttaatt gctgattcaa ctctctcaaa ttctaaaaat atccgtactg 480
cttcatcatc aggggcacca ggaatttcaa atatcacaca ttttccaact ttgccatatt 540
tttcacattc ttcttgggtt tcaacttcca agtcttcatc cacctctccc gcaccaacca 600
tgttccttag taagaccact ttagtaggac acttaagtat ttcagtcagc ggatttgaat 660
ctgacttctt ggatgcatct ttctctgtgg cgtcgcccac gatgatcttg ccgccacgct 720
tgctgggtct ctccactgac aaggcagtg ctcaggccctg ctcatgcttc ccagaccct 780
ggccctcccg gaagccgtac ttctgcatga tcttggtgcg caccgtgccc cccaagttag 840
cgaggaagga gttgcgctgg gcggggttgg agatctcggt ctgtcttggt cctcgtaacac 900
tgggggagga atggcagttt tggaagactg tgatcgaggt cttgagtcct cttcataagg 960
aaaatctcgg ggttaactgtc ttttactgcc agagaagtgg gtgaggcaat ggcagctccg 1020
cccatacttg ttt                                                                                   1033

```

```

<210> 3599
<211> 1471
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1472)

```

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1436)...(738)

<223> similar to gi3165570 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3599

cctttttttt	tttttttaggt	tttagcagca	cttttacttc	cacatccaaa	ctccctgggt	60
cctcacaaca	gccctgtgag	gtaggtagg	taggaagggt	tcagagatcc	ccatttatag	120
atgaggatgc	tgaggcacag	agagggtgaag	tgacttgtcc	aaggtcatac	aaccagcagt	180
gtagagggct	caaagccagc	attcctccac	ttgaactcct	gcgctccggc	cctctggcag	240
ttcccacatc	ctctctattc	tctctgtgtc	ccccaccctc	tcaactctcc	tgggtctgca	300
gggaccctaa	aggcagcctg	gcagctgaga	tttttcagga	atggcaactg	gggtaggcct	360
ggtcaactcc	agataggaac	tgaccctgaa	gagcatgagg	ccagctttgc	ttctccccat	420
ttcccagttg	gatggaaggc	ctagtaggtc	ccagggcaag	gatggagcta	ggcatgattc	480
atgaacgaat	ggtgataaag	gtaggtgtaa	gcataatgtgt	gtcctgcact	aaagacaaag	540
gctcccctaa	ccaagggccc	caaggcagtg	tttcaagtgc	tcacccccat	gcctctctca	600
tcccacagag	ccacagttag	tgctctcagc	agcaaaagga	gccatagaaa	tagctgcctc	660
tggcaatgag	ctgctccagt	ggacagctcc	caccaagcct	tcagacccca	tcacgcagac	720
acagtgcctc	cacggcttga	ctggggccct	gggccacacc	cccaataaca	aacagccggg	780
gcccagcctg	cagactagag	caggagcagc	gggcagtggt	catggcaggc	aatgcctccc	840
agcgccgccg	tgcaaggcta	aagctctcca	cagagcccaa	aggacatggc	tggtttccaa	900
ggcccccaat	ggccacaatg	tgggccccaa	gggacccaac	cacaaagtct	gccctcttat	960
ccctcatgcg	caggctgcgg	ggcaatttgg	tccaggaccc	atgctccagg	tcaaacatct	1020
ccacagtgtt	gacaaagtgt	gggcgagagt	agaagtgtgt	gggcccaggc	tgctgcaggc	1080
cacccaggct	aaagacgctg	ccttcagcca	tggcgcagcc	agcaaaggcc	cgacggctgg	1140
gtaggcttgg	atgccgggtc	catgtacggg	cctccagatc	aaaggcttca	aaagcagtca	1200
ccgggagctt	gccctggcgg	ccccccagga	catagatctt	gttcccgtgc	aggaagggtg	1260
aggccccata	gcagggtgtg	ggcatggagg	gtagcgaaag	ccagcagtcc	cgacggggct	1320
catacacacg	tacctgggcc	tggggggccg	tgtcagggcc	cattcccccc	agagcataca	1380
ccataccatc	cgccggtgct	acgatgctgc	cagggtacgg	ggtccgccgt	tccgctggca	1440
cgaggcctcg	aactgagtan	nnnnttccat	g			1471

<210> 3600

<211> 949

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(318)

<223> similar to gi2645205 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3600


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agcccatca gtaagaagcg gaaacgaaag ggatcttgcc agagacgaag aagcgcaaga 60
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ccagccccc agcatgggca ggaagaagag gaacaggaca aaggctaagg tcccagccca 180
ggcaaacggg acgccaacca ccaagagtcc agcccctggc gccccaccc ggagccccag 240
caccctgcc aaatcccca aactgcagaa gaaaaaccag aagccacccc cggttctggg 300
ctgggaccct ggctccaggg ccatgtccag ggctctgggt tttgcctggg ttggtgcagg 360
ttgatgtgct ggctgcaggc aggtgtgacc atctctcgtg cctgccacct ctttgccccc 420
aggcttttt gctgtgaggg agccaccagg ggggtgattta aataggttta tttcttcatt 480
tacaagagga atatatattg cttctctctt aagactctga gattcacaat cagcagctct 540
aaaaaataaa ggagcagttt ggcttccgga aggaagagga ggcaacactc ggacctggtt 600
ctgttacaac aagaaaacat cgctggggcc ccgctgaggc tggagtgggg gtggaggctg 660
gtctttggag gatgccaccc ccaccccatc ctcttgtagc gccctcgggg taccacagag 720
cttggtgggt gagtattcca cctgcttaca caccactgaa ggccacagcc aggccagtta 780
cttagggggg caagaaagag cattgtccaa cctggctctt ggggggggtc cccattggc 840
cacaaaggcc tcacccccca ccccatcccc gtaaacagaa accaccttga ttgcagcaga 900
aattcaggca gatgggtagc gcagggggggc taaccccccc acaagcggg 949

```

```

<210> 3601
<211> 1459
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(987)
<223> similar to gi808915 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3601
ctggcggggc tgggaaccca ggccccgccg aggcggccag gaggtgagat ggcagctggg 60
caaaatgggc acgaagagtg ggtgggcagc gcatacctgt ttgtggagtc ctgcctggac 120
aagggtggtc tgctgggatg ctacgcgcac cccagcaga aggtggcagt gtacagggct 180
ctgcaggctg ccttggcaga gagcggcggg agcccgagc tgctgcagat gctgaagatc 240
caccgcagcg accgcagct gatcgtgcag ctgcgattct gcgggcggca gccctgtggc 300
cgcttcctcc gcgcctaccg cgagggggcg ctgcgcgccg cgctgcagag gagcctggcg 360
gccgcgctcg ccagcactc ggtgccgctg caactgggat ctgcgcgccg gcgccgagcg 420
gctggaggct ttgctggcgg acgaggagcg ctgtttgagt tgcatcctag ccagcagacc 480
cgaccggctc cgggatgaag aactggctga gctggaggat gcgctgcgaa atctgaagtg 540
cggctcgggg gcccggggtg gcgacgggga ggtcgcttcg gcccccttgc agcccccggt 600
gccctctctg tcggaggtga agccgcgcgc gcccgccca cctgcccaga cttttctgtt 660
ccagggtcag cctgtagtga atcggcgct gagcctgaag gaccaacaga cgctcgcgcg 720
ctctgtgggt ctcaaattgg gcaagggtgg gcgctcactg cagcgaggct gccgggcgct 780
gcgggacccg gcgctggact cgctggccta cgagtacgag cgcgagggac tgtacgagca 840
ggccttcag ctgctgcggc gcttcgtgca ggccgagggc cgccgcgcca cgctgcagcg 900
cctggtggag gactcagag agaacgagct caccagcctg gcagaggact tgctgggcct 960
gaccgatccc aatggcgggc tggcctagac cagggttgca gccagctttt ggagaacctg 1020
gatggcctta gggttccttc tgcggctatt gctgaacccc tgtccatcca cgggacctg 1080
aaactccact tggcctatct gctggacctg ctggggcaga gttgattgcc tccccagga 1140
gccagaccac tgggggtgca tcattgggga ttctgcctca ggtactttga tagagtgtgg 1200
ggtggggggg acctgctttg gagatcagcc tcacctctc ccatcccaga agcggggcct 1260

```

```
acagccagcc cttacagttt cactcatgaa gcaccttgat ctttggtgtc ctggacttca 1320
tcttgggtgc tgcagatact gcagtgaagt aaaacaggaa tcaatcttgc ctgccccag 1380
ctcacactca gcgtgggacc ccgaatgtta agcaatgata ataaagtata acacggattt 1440
tgatgtgaga aaaaaaaaaa 1459
```

```
<210> 3602
<211> 2416
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(2417)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (2383)...(2122)
<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 3602
tttttttttt ttttttttca caagttatat tttattttta caccgaggatt aacatatagt 60
tacaagggtca atacaagcct ccagtggaag ctctttatct ggtttaattc catctccaga 120
gacaaacagg caactctagg acctttacag tggcgatcgg cctccacnac agcaaaatgc 180
ctccaaagtt tagaattagt gcaacacaca tacgaacggt ttaaagggtgc tcaacatcag 240
gttaaaatag aattctggac ctttttataa agtttttgga tgatataagc acaggaggca 300
gagccaataa gaaacatgaa accaatatct ctggaaaaac acttagcatg aacgtcactt 360
tttgacgtcg tgtaaacttt cttctgcaat gacggatggt accaaaaggc attgagacct 420
ttgcgctgcg ctggttagac aagccgcagg cttatctcca cgggtgagcag gataaaaacc 480
cccaaggaac agcccatgac aaccttctgt gcctttttat actttcccat cctacaaagg 540
aaaaactggg taaaggacaa gtccctccct ttcatctcgt ttctaagaac ttttcagggc 600
aggttctttt aaaattagtc atcttacaac acaacagtat tctagcacgg tggcgaagtg 660
acaggcggca gatacggggg aggaaggaga cgttcacggg aaattccaca ttctactcta 720
tgtgaactgc tccagaaaaa tacagacatg atttcacagt aggattccca gagtaaata 780
tgatacatag gacaactgac ctctcttaag aagcccggtt ggggcagcag tgagcttttc 840
atggagccac gcagactggc ccggaagcaa caccaggtt caacatttaa gagcactcgc 900
tataacattc tttttggacg caggtggtgg aaaagtttaa aaaacaggcg gaggagtgc 960
gggggggata aagcatatcc tatactgggg gtgacgggtc ttcaaagagc aaattactgc 1020
agcttatatc ttttccacta tgttgcaaga aatgaatcta tctgaccca taatatgaaa 1080
gatgcgacgc acatgcattc ccgaggctct aaaatcccat tttaaagaac cgtttcacat 1140
cctcgtggag tggagagtgg tccacttgac ttggtgaggt cagaagttcc tgaagatccc 1200
tgtcgtcccc gttggcgggg gagccattg tggagctgtg gggactgcca cactcaccat 1260
gcacctgttg gtttgacagg acagaggtgc ggccttgact cttctcacc tgtgtcatcc 1320
gggcttgtct ttcgtctgtc aagtcagtc tctgctgtga ctgatgggtg caccacgctt 1380
aggtcaccgg ttgcagggac cggaagtcca tggctctgcc gcaaccctga gcggtttgca 1440
gtcccccccg gggaagaagc agtcagagag gctcacgctc acctacttta aaaacccaaa 1500
gccacttctt cttcacctgc ctgggcctca gcgtctctgc gcttggtggt tctcgtcccc 1560
gagggctgac tgagctgctc cggaagggtg gtgtgtggtc aaccttggtt ggctgagagg 1620
agcaatttcc tggtttccac aagtaaagac agcccatcc cttgggacct gtcctttccg 1680
```

tccctgtccc	tttggcttct	ataggacttc	cttgtcttag	attcataaac	agcaagagga	1740
actgaggatg	cttgagggga	ccacctagtt	accaaagcca	agcaaagaat	aaagctgccc	1800
gacatcatcc	ccaggcttcc	gtggcgctct	cggtcacagg	agcttttaggc	caatgggttcc	1860
tcttgactgt	ttttgcccc	aatgagagga	ggggctgctt	tgctttaagg	cgtggcggcg	1920
gggggggggt	ggtggccaca	gattagggga	cctcaggttt	tcctcaaaaa	cccacacagg	1980
gaaagaaact	tggctctaaa	agcaaactca	acgaattcca	catgccctga	agagcacgtg	2040
ataaaataca	agggtggtgg	cggcgggatc	cctcaaagga	ccacgagagg	cacgggggtct	2100
ttggtgatga	aagtgctaac	ctcggcgggg	tgcggtagct	cacacctgta	atctcagcac	2160
tttgggaggc	tgaggcgggc	ggatcacctg	aggtcaggag	tttgagacca	gcctgaccaa	2220
cacggtgaaa	ccctgtctct	actaaaaata	caaacattag	ccgggcgtgg	tgggtgcacgc	2280
ctgtaatcac	agctattttg	gaggctgagg	caggagaatc	gctggaaccc	aggaggtgga	2340
ggttgtagtg	agccgagatc	atgccactgc	actccagtct	gaacaataga	gcgagactcc	2400
cgtctcaaaa	aaaaaa					2416

<210> 3603
 <211> 1190
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(493)
 <223> similar to gi4056479 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3603	
gcggccgcgcg	tggccgagct
cgcgctgttc	cgggagcgcc
ctgcaaggaa	tacgtagagg
tgtcaccctt	atagtgattg
gactggatat	tctcatgaaa
aatgaaaaga	ggtgaagaaa
actctcagga	agccttcaga
aggagaccca	gctcagcaag
tatacacccg	gataggaata
aggagttcag	catgtgaact
gcaactcagtc	actttcaact
tcctcgtgca	gtgtctaacc
aagggggcct	gaacctgttg
atacttccat	tttataactt
ctttaaaagc	tataaaatca
aatgaaagag	ttttttggca
acaagaccat	tatatccagt
atttttatat	gtatatattt
caaaatgttg	ccagtaggta
cttttctgta	tttcccaact
gcccgcgcgcg	tggccgagct
cgcgctgttc	cgggagcgcc
ctgcaaggaa	tacgtagagg
tgtcaccctt	atagtgattg
gactggatat	tctcatgaaa
aatgaaaaga	ggtgaagaaa
actctcagga	agccttcaga
aggagaccca	gctcagcaag
tatacacccg	gataggaata
aggagttcag	catgtgaact
gcaactcagtc	actttcaact
tcctcgtgca	gtgtctaacc
aagggggcct	gaacctgttg
atacttccat	tttataactt
ctttaaaagc	tataaaatca
aatgaaagag	ttttttggca
acaagaccat	tatatccagt
atttttatat	gtatatattt
caaaatgttg	ccagtaggta
cttttctgta	tttcccaact
gacgcccgcg	ggcagcgggt
cggcatttcc	tgtgttacat
agtttcttac	aagaagcaaa
attgagcctt	tttgcaagct
gaaatttata	aaagattggg
ccccacataa	aatcaaactt
ggccctctct	ttgattttca
ccaggtaaca	acatccattt
aactctgttt	tacagcttgt
atccatgtgt	gacttaaaat
ttcaatgcct	gggtgtaata
tgaggagtta	gggaagcata
cagttgtcaa	aatatgttat
aatgaatata	caaaatataa
acattatggt	atattcagtc
taaggggaca	ggagaacaac
tctgtcaaca	atgtaactgc
aaaagacagg	aaataaacac
ctattatttt	cttttctgta
aatattgtag	

<210> 3604
 <211> 449
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (21)...(160)
 <223> similar to gil408211 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3604
 aaaacttttg tttttttttt ttgaaagctg cacagcctga aattaccttt attcaattaa 60
 tgcaaaaaca aaaggggaga tgttgaggc cgaaggaatg agggtcgtga ccaactcagt 120
 ataccactgg aggtctgtg agcaaacagc aaactgttct catgaaagca ggatgttggc 180
 gaactgacaa actctgtctg ccgccagaag gaatgctggg ggcagtcag tcccagggtcc 240
 cgtgctcctt gaggttatcc acaggaacat ccagaacctc cataaaggca ggccatgctt 300
 atcatcattg cagtatccaa tctgcagtgg tgctggctgc ctggtgtggg tgctcagtat 360
 ttatctccaa gtcccgctt tcgcgcacgc cctgctgctc tcccactcag cgccacctca 420
 gtcccacaaa ggccgggctg ggatcctgc 449

<210> 3605
 <211> 4197
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4198)...(1045)
 <223> similar to gi31438 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3605
 tttttttttt ttctggtcag tgggggcact gggtcagatt tattgcactt gcaacagagt 60
 ttaaataagt cctgggtgtc tggtgccaag gtgaggaag ggttgggcag agagatgagg 120
 ggcagcatca gtgcagctgg caggcagaac ccaaattctg caggcccagg acagtgggct 180
 cccctttctc tgggggaacag ggagggcctg tgtctggcca ggctgagggt ccagatctgt 240
 tgccatcatg gccccttcag ggtcctggga aattcctggc ttctcctaaa tcagggtgaa 300
 ctgggcctcc aggatcagggt ctggagcagg cccaaatata gtccctggatc tgccctggatt 360
 aggtgccaat gtctgagtct gggttccaga tcaactccag accccagggt ggaatctggc 420
 ccatttgag ttctgattcc ccttgagct gggtcttggg gcggccctgg gccagcatct 480
 atccttgtgt ggcattctgt ctgagctggg cctggggcac catgcatagt tagtgttctt 540
 tgttgcccca ccagggtggg gctgtccaga gctgccagggt cttaactccc caagttccag 600
 gttcttagct gggggcttct ttggatctc tggcaaggct gaggacagat ctttgcagggt 660
 tggagctgga caggaagtcc ttgtggcatg tctggcccaa agaactgtga atggatttcc 720
 tagttatctt tccaagttgt ttcaggaaac tctccaaaat gcaaaggctt cagggaggct 780

ggggcctctg	tccctggatc	tgagttcccc	catccatgaa	gagggatatgt	gtaaacaagg	840
gtccttcaca	gtgcatgggg	gggagggatc	cccagctcct	cacccccctg	gctctggccc	900
ttcaagtatg	tctctgggct	ggggagagga	gcttctccct	ggccgtcagc	accttcaaga	960
agtaccacaga	cccctccttt	tcagtagaat	gaggggtggg	ggactgggtc	ttcaggaatg	1020
ggagtctgaa	attgggagga	ctcaggcatc	agaggtggct	ggaggcttga	gctgagcttt	1080
ttccatggcg	gtgccatatg	ggagggagcg	tttgaagaat	ccaagcttgt	agaggatgta	1140
gatgagtaga	cctaggagca	ggaggccaaa	caggatggct	caggatgatg	atccccagtg	1200
ggacgccata	gctgccttct	cgccttgggt	ccattgcaca	gctgtggccc	accctgacgc	1260
tctttttggg	ggcagctgcc	gaggcaggat	tcggtagggc	atcttcaggg	ctttgtacac	1320
agcctcacac	tgcaggctaa	atggctgggt	ctcccgtgc	aagaaagtct	tggcccagac	1380
tcggaaatgc	aactgcagac	tttggctctc	ttgttgggtc	aggggcccga	gctcacagcg	1440
cagcctgaaa	cactcagcct	ccgggcattt	caggatctga	ggtcccagag	aagcagagct	1500
gcggcttgga	gcttcccgtt	tttgcctggg	gtgcagggaa	ccctcgggat	ccaactccag	1560
gccctttggg	ttaatggggg	gattgggtgt	gcagttgagt	cccgtaaact	tggtcacata	1620
taggagctgc	tgaccttcca	gagcctgggg	acagctgagt	tccagcacac	cctgggcta	1680
ggagctgggg	ccttggttga	tgagctcata	gacatgggtg	acagcaggtc	ccaggctcct	1740
ctccttctga	ggctggtctc	ggggatgcca	gtcgcttact	gggaatagca	ctgcctcagg	1800
cttgagagaca	ccgttcaggg	tgacctgggc	ctgagcctcc	acggagagcc	gaaaggaaac	1860
cacgtcgctt	tgcgagttgt	tgagattctt	gctgaggatc	tggaaagtcaa	actggatggg	1920
tttcttagtg	tcccggagat	gagggactgt	aaaccgaagg	ccaccccaca	gactggctcc	1980
tgccctcatg	gggttgccca	ggtcacacac	cagcaggcgg	ctctggttca	cggcaaagta	2040
gtcacagctc	aggctggaga	agttccctgg	gtgtctgacg	agtcctgagt	actcagcctc	2100
tggaggggcg	gtgacccgaa	gctcagcctc	ataggcgcca	ccctcaccca	cattctgggc	2160
atggaaagtg	aggttcaggg	cattcttgtc	acccagggtac	acatggttct	gctccccaaa	2220
cacttccagc	tgcaggtcag	gcacacagat	gttgtcttct	ccacagtcca	gcaagatctg	2280
agccttgtec	tctatccggc	tcttgcctct	ataatgtagg	gctggcctga	ggccgtgggt	2340
gtccactggg	gcttgggggt	ccaaggagaa	gttgagagcg	atgtgaatcg	gcgagagttt	2400
gtctcgaaat	tctgactcgt	tcttgaggta	gatcttcatc	tctctgcaat	cctctcgagc	2460
cccattctgg	atgagcaggg	tctgggtcag	ggttgccctgc	ctggaggcca	ggaacagtgc	2520
ccgcggtacc	cctcccttct	gcttctgcca	gtccagctga	agttccactg	tgaaccaaat	2580
ggagtcagca	acgtgttttc	cagaagcatt	gagcgagaag	ctaagggtga	tgcaggccac	2640
agggttcccc	tctaagctgc	agctccgctc	ctctgggttg	aacatggcgg	ggaagatggg	2700
gagggaggca	ctagcggaca	cgatggggcg	gccccgttat	accacagcct	tgtccacacc	2760
aaaggacccc	acaatcagat	caggatatcc	attgccatcc	aggtctcggc	ctcctcgaag	2820
ggcagagcca	aagaagtctg	gggtgtggct	ggctgcccac	aggggctgca	gaacctggga	2880
aggcttagag	cccagccctc	ctgggcccc	aggaaataca	aacactactc	cctgctgggt	2940
ctccccacca	aaggagagcc	cgatggccac	atcattgtag	ccatcctggg	ccaggctccc	3000
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aggccgcccc	tcaggggtcc	gatccatgag	caggggtgcc	cccaccagca	agtcattccag	3180
cccgctcccca	ttgacgtctg	tggcggccac	tgcatagcca	aagtaggagg	ccatctgttc	3240
cctgagaag	ttgtagaggg	atcgaatgtc	tgagccatta	aggatgggtga	catagccgta	3300
agtgaggttc	cctttgggca	caccagcaac	aaagtcttct	gtgtcatcac	cactgaattc	3360
accaacagcc	acagagtatc	ctaggtagct	gtcatcatag	atggaaactg	cctggcgagt	3420
ctgcagctgc	ccctgaacca	ggttgatcag	gtactcgggg	taataagatt	ctgcaatctg	3480
cctctgagtg	gcagacagga	tctggccttg	ccagaaatag	cttcttggtc	cacctaaaac	3540
cacacggcca	gtcttgggtg	actcggcact	gaagcctcct	tggcagtaac	cctgtcctgc	3600
tgcccagctg	aaatctgagc	ggcagggtgc	atactccaga	attcgggtga	agttatctgt	3660
ggagaggtag	caggtgccca	cggggctcgt	cagtggtctc	ttctctgtgc	gccagctgta	3720
cagtggagcg	catgccaa	tggaggagcc	atgggtcga	actgttgccc	cgaaccactg	3780
caaggacttg	tactccacag	gctcctctcc	ctctgagctg	gacagtgagg	actccaggag	3840
ccgagagcct	ttgtgtcaa	attcaatggg	ggtgcactgt	gtggggctgg	caccccaagg	3900
acagaggtag	acagcaccac	cctgcagcac	tcctggctgg	ctgggtattag	ccttgggtgc	3960
tcccaccagc	acactgaccc	cgtctgttcc	cggccggtaa	aactccactg	agaatccgaa	4020
gaaggagccc	gggggccccg	agagtactgc	tggggcctcc	gcgtctaagt	tgaagcccc	4080
gaccctgggt	ggcggcgcca	cgagcagcaa	cagcagcggc	acgagcgggg	gtcggcgccg	4140
ggggccccag	cgcagctgca	cggcgtggag	aggggactct	ggcgtccggc	tcccat	4197

<210> 3606
 <211> 2353
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2354)...(697)
 <223> similar to gi602288 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3606

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gaagtacaaa	cccaggcctg	ggcctaggaa	agggcagaag	aaaggcaaag	ggtcccttgg	120
agcaggaacc	catccctctc	tgcttatacc	cagcaccctc	catcccaggt	tcctttcttc	180
aacctccgcc	tgcctctggg	aacacagagc	accaagaact	gacaaaccgg	gaccctccag	240
ggccacagcg	tggggcagag	tccaggcttc	tgtctccccg	cagtgggaga	tctggggagc	300
tcagtgaacc	tcctcaccct	cccttgccag	tatgaaagtt	tgggaagcgc	cttttcttgt	360
cccccagaac	agaacaaact	ctttgttctc	tgtggtttgg	gggaaaaagt	gtggggggct	420
tggacctagg	aagaagctga	gctgaattcc	tccaggggccc	caggtgaaac	cccccagggg	480
agtttctgag	actctagact	tgccatttct	ccacttttcc	ttcccaatga	ctccggtgag	540
cagctcagag	tctgggctag	ggcaactggg	aggacagtgg	ggatctgccc	cagagacatc	600
tgtgggtttc	agatgaaggt	ttccccaaca	ccagattcat	ttatatgtac	acagggcagc	660
accacctgc	ggcaggggga	acagccgctg	ggggctagta	agagtagcca	cccttggggc	720
caaatggctg	ggcggggcca	gccagctctg	ggaggtaggc	ggggctctca	tccaagtggg	780
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cgtaacgctc	accagccacc	ttctgcatga	tgcctttctc	ataatagtat	cggagcgagc	960
ggctcagctt	gtcgtaatte	atggctggcc	ggttcttctg	gatgccccag	agcctggcga	1020
cctcctcagg	ctcaatgagc	ttgaactcca	ttccccggcc	cgtccaggca	atgaaatggg	1080
catttgttgg	gtcatccagc	aaggccacca	gaaattgcca	cagctgcagg	gcaccccggc	1140
gctggtaggg	cggccccctc	cgaaatgcac	cgaccccttc	ctgcttgatg	tctccttcaa	1200
atttctcagg	gacaacgcag	acatcatctg	ggaatggctg	cagaggtttc	tcatagccat	1260
agcccatggc	cccgtcacct	ggagagggcc	cagagaagcc	ctctgtgtgg	aggtacattg	1320
atgcgcaccc	ggtgacatct	gagtcgtagg	cgaagtcctg	ctgttcctgt	ttgatcacca	1380
cccccgcccc	tgggtacctg	tgcccattga	ccccaccctg	gtccacggct	ggctggcccc	1440
cctgttcata	caggggatca	tggtattctt	gcttaaagct	ctgctgggga	taggggtggc	1500
agggctccga	cagctgggtg	tggtaggggg	cctgggaggg	gttcccggcc	ccctccctga	1560
gatgtgaagg	agtggcaaat	gtccaggggc	tgctggaaga	cggagctatg	ttccccgagg	1620
tacccatggc	caggggtggg	ctgggaggtg	ccagaggatc	tcaggaaatt	ccgttgctct	1680
gcccggggaa	agggctgtag	gggcgactgt	ccaagggcac	caggggcagg	ggacttgatt	1740
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aggtgtaggg	cacttgctgg	tccaagtatc	cggctttcat	cctccgctcc	atccggccgc	2160
tcctcgcgc	cgcacggccg	gggcccgaag	cgggggccga	gacctgaggc	cggggcgtct	2220

```

gggctggagc cgcggggggt accgagcatg ccctggagcc cgcaccgagg gccgcggggc 2280
taggccggag taaggcggcc ccggccccgg gtccccagcg caccgacttg tttttcgggc 2340
gcagcagaca gtt 2353

```

```

<210> 3607
<211> 2658
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1981)
<223> similar to gi3201589 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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cgaggtgaca tataccacta tgccagggtc cgaagggtcg cgtgggtcag gcccctgaat 180
gccatcctgg aagtccatgt cctcttcctg gagttcccaa cgggcccgtc acagctggag 240
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tacttccagc ctttggtccg gggctgccac ttggaaggcg tggccggcca caaggaggcg 660
cacatcctga gggctctgcc gggccactcg gccgggcccc ggacggtgac ggtgaagggt 720
gaactgagct gcgcacccgg ggtatctgat gccgtctca tctgcaggg tccccctac 780
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```

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atgaaacca aaaaaaaaaa 2658

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```

<210> 3608
<211> 843
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(844)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (71)...(489)
<223> similar to gi2088669 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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caggcccaca gaccaggaag aaatcaaaac tctagagcgc tacatgtgct ccaggttctt 180
catcgacttc cgggacatcc ttgaacagca gaggaagttg gagacttacc ttcaaaacca 240
cttcgctgaa gaagagagaa gcaagtagca ctacctcatg atccttcgca ggggtggtgaa 300
cgagagcacc gtgtgtctca tggggcatga acgcaggcag actctgaacc tcatctccct 360
cctggccttg cgtgtgctgg cggaacaaaa catcatcccc agtgccacca acgtcacctg 420
ttactaccag ccggccccctt acgtcagtga tggcaacttc agcaactact acgttgccca 480
tcctccagtc acctacagcc agccttacct tacctggctg ccctgtaact aaccttgaga 540
cctgagggtt tccacagtgg gaaccccaat agggctaggg ctctcaggta ggggagcctc 600
cttctagatg taggcatttg gcttttaaag ggggaactcag ctctgattct gcnnnnnnnn 660
nnnnnnnnct ttggggcccc catggaaagg ggtcaacggg gaatcaggac ccaccctaa 720
agggccccgt ttacagggcc cttgtggaaa acccctccgg gaggcggggc ctatccactt 780
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tgg 843

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```

<210> 3609

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<211> 3965
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(3966)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(3504)
<223> similar to gi5689573 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3609

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tgtccaccat	gaaaggcacc	cgggccatcg	gcagcgctcc	ggagcgcgag	ccagcaggtg	300
tggacctgag	tctgacaggt	ctccctccgc	ctgtgtcccg	gcgtcctggc	agtgccgcca	360
ccaccaagcc	catcgtccgc	tctgtctccg	tggtcacagg	cagcgagcag	aagaggaagg	420
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<210> 3610
 <211> 1539
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4)...(683)
 <223> similar to gi971251 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gccttctcta	tccgggagag
agccgccttg	catcctggga
tggctgtaca	tctcaccgcg
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cactacagga	tccactgcct
agggccctgg	ggaccattac
caaggccaca	60
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tgaagtctca	180
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ccctggaggg	300
agtcgccttc	360
tgacaatggc	420
ggaccattac	480

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agaatagctg	ggattacagg	cgtacaccac	catgcctggc	taattttttt	gtatttttag	1500
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<210> 3611
 <211> 2972
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2973)...(1101)
 <223> similar to gi4835895 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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atthagggct	taccaaattg
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aattcctagt	tgtgattcaa
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aaaaggcaaa	gagaggcatt
actgacccaa	actggaagaa
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aaacatgaac	ttatcttgac
gatgtttctg	tttgagagaca
aaactgaaaa	aaatctctag
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gagtaagact	atagaaaagg
cacatgacaa	catgaatcat
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ccatgtcgac gcaagctgga ttcagatcca tatccagatt cagtcttggtg ctgttcaatg 2640
gcatctatcc attgctgtct atgatctgga tcctgagcac gaagatacca aacactatca 2700
tttactactaa tatcaaatcg acattcatca aaatcgtgag gtgtgatgac agccttgcta 2760
agacagatgg atcctctgca gccatactct gtttcatctt cagatttgta gtaactcaga 2820
gcattatttt tcaaaactac ccaacgatcc tgccacccat gaatgtagtt tgtccactta 2880
ctgaggaccc cgcagcgtc cacaggcggc ccagactccg tctctggatc ctccctccgag 2940
cccgcagagt tccagctctg attatccgac at 2972

```

```

<210> 3612
<211> 2408
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2409)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (2410)...(784)
<223> similar to gi5305448 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3612
tttttttttt ttcgagataa acctttttat ttatttatgc ttctccattt tgtttaaaac 60

```

aacaacaaca	accaccttaa	tgtaactgac	agcccttccc	cctcaccctg	cctcgggctg	120
ggggtagtta	atggggaaat	ggcccccagg	gtggggctga	ccagaagagc	ccctcaagga	180
gctcatggag	cccaaattccc	ctgccctggg	gaggggacct	gtagtgtgtg	acgggagcct	240
ctcccagagc	tctgcttgta	ccatcaaaga	tgcccttggc	caacaagggt	caggaagcat	300
gggggaggga	tttcggcctc	ctctgtccct	acccagccca	atctcacgag	cagggctggg	360
gggtttaaaa	aggggtggagc	gggtgggggtt	ggctcacacg	aaggagtact	ggttgttaaa	420
tggcccttgg	ggtggccccc	ttcctctcca	tcacccccct	agtggtgact	gctgcagctg	480
caccaatttg	gggcaccccc	gcgtcccccac	caggacccag	gcgcccttgg	gcctcttgag	540
cctggggcct	atggccctct	cccaattcac	ccaccgggac	cagctaaacc	acggggacca	600
gcctcttccg	ggacccctcc	acccgcccgc	tttctctttc	tcttgccctc	ctttggctgc	660
tgcggctgcc	tnttgccgc	cacttctctg	cgccctcga	cgctctttc	ttccccaggc	720
tgtgggggat	ctgtccatga	aggggggttca	gggggctggg	gtgggtcatg	ggaggtggtc	780
ggttacacag	tcaactcgctc	cgaagggcac	gaggggtcag	gaggcattcg	gggtggcatc	840
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cacgggcacc	tcctcccttg	cagacctgct	ctgctcacc	tgctgtcgct	gggaggatgg	960
gacatagctg	acaaggacaa	catcactgga	gcctcccgac	tccaaaggga	tggggtgcac	1020
ccggaagtgc	tcgagcatat	cgaaaatgga	ctggaaccac	aggtgctgga	cccggcactg	1080
accctcctcg	ttcagcgaca	aacgcagggtg	cttggccttg	ccctggaagt	tgaagggtgag	1140
gacgtattca	ccccgccttg	tctcactctg	gcgcaccagg	aagacaccgt	gggagccagt	1200
gccgccagtc	agcaccaact	gtgcagcctt	gagccgagag	agcatcccgt	ggaaccaagg	1260
ataccctgag	aggggctggg	ccccctcacc	gccctctggc	tcccccttg	aacagggaagg	1320
accctgtggc	tgtttccgga	gtgtccaagg	gagggtaggg	ggctgagagg	ggatgaactg	1380
tccttgcctg	gggtccctct	tcaatgggga	tgcggggggg	caactctggg	ggaagcagtt	1440
ccatcgagtc	aaaatgggag	gcggcaatgg	aggcagagct	gggggagatg	gatgccgagg	1500
ggcggctga	gaggccccc	tatgccccct	gcgacaggcg	gtcattgctc	tcgctgggtc	1560
caagcagcag	gtcctggctg	ggtagactct	ccgagtgatt	caggcaggac	agctccaggc	1620
tgtctgtgtt	ctcccttgta	aggaatgagg	tcccaggggc	cagagggagg	gtcatggggc	1680
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tccttgcctc	atccttcaag	gcgccccctc	cccgactgag	tctcagcctc	tcaaaacggt	2160
gagtccatct	ttccccaggg	gacgttccat	cactgaccag	tccccacca	acggtcccag	2220
ccccgccaga	ggagttggag	ttgctgtttc	cacctaagac	tggggggcct	gacgaggtct	2280
ccaggggccc	agcggaggag	ggaggggtcaa	cggtcccccg	ccactgcagg	atgccacgga	2340
ctgagcctcg	gacagagcga	cccactgaac	gcagggaaaa	gcgcttcttg	agcttcggct	2400
tggaggag						2408

<210> 3613

<211> 2204

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1803)...(980)

<223> similar to gi4218005 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400>	3613					
ttggggaacc	cccagggttt	tcccatcccc	ccggtgtaaa	accgcggccc	aggaaatgga	60
ttttgggggc	cccataaaaa	aacttttgcg	ttgccagccc	ccggacgtta	acctggatcc	120
tttaaaacgg	cccccccttt	tttttttttt	tctttaacaa	aattttttatt	taataaatgg	180
ttaaaaatcg	agtgccaaaa	atacattgac	atntagcaat	ttcactgaaa	ggaagaaact	240
acagaatgca	cggtttcaga	aagctatttt	aagttattta	caaataaagt	atctaaaact	300
caaaaacagg	ctctgtatgc	tatatctagt	ttatcccttc	ccgaacaaaa	tttctgttat	360
ttggggcaaat	tcttaaacca	tggtttaaac	cgtaatgggt	acaaaccaca	aacacatcca	420
tccagagact	gaaaccgttt	ctatccggtc	agtggcaaaa	ctggtgaaag	ggcaatagtt	480
gaagctgttg	ggttttatat	agtgtgaact	ctgataaata	ttcctaccag	gactaaaaca	540
cagcacgctt	tgcgggcatg	gctgactcac	aaaggttgta	acaaacaaga	actactcttc	600
actcgacacc	atggctcaga	ggccaccgag	aagcacgagt	gactgacagc	tcctctgctt	660
acaaacgaat	gaaacccaaa	gtggatgtcg	ttctcacagc	actgaaagtg	cttcaggact	720
cacactgatc	caatactaac	tttcttccct	attttacaca	tattttttcta	ctgtccagtg	780
gaaatcattt	tctgtttttg	ctaaacaaca	aatactagtt	tataacagga	atggtaaaat	840
ctgtgagaat	tctgtcfaat	ttaatacaag	atcactactt	tctttagaat	ggtttctgcg	900
tgtttctacg	tcaccctctg	tatttttagc	ttccagtttc	ctggtaagga	ataagttctc	960
cttcccagtc	acactcggg	tcatttacac	gtttctggga	tgcccttgct	cgtccatgga	1020
ggccagggtc	gtgcagtgag	tcactctgcc	tcttccctct	tctcaggacc	agtcctccgaa	1080
ccttctgcct	tgcagatcct	cctgtttccg	ccacactctc	gcgctcggaa	gcgagctcct	1140
ggatcataca	gctgcaaggc	tggccgggtc	ttgtttgcc	gtcgctcttt	tctgggtgct	1200
ggactgtcgt	cacacctctg	cgctcttccc	agtctctcca	tggcctcccc	cggagccccc	1260
ctgtcctggc	tccccctctt	ccctctgtct	tggccagggtc	ctttccccc	tctctgtctc	1320
tctcactccc	ttctgaaaag	ccgttcaggc	tcgtgggtgag	ctctgtgcct	cctgcctgca	1380
tccacatggt	atctttgtgc	ttcagattct	tgttcttgag	atctctccac	atccctgtgc	1440
tctttatcac	tgccgctgtg	tgacgtctcc	tggggctcct	ccagcgagcc	ttccatgggc	1500
ctggctttta	cgaactgcacc	gggggcacag	gattcctgct	tgccacctcc	agtatcaatc	1560
tctctcctc	tttctttttg	tttctctgtg	gttggttcc	ctcccttttc	tggtttctta	1620
agaagcttaa	tccttacttc	tttctctgca	attttcttct	gtttatctgt	ctcttttttt	1680
ttgcatcttt	cttcttctct	tcttcttctt	ttttccctct	cccgcaaacg	tttcttttct	1740
aactctctcc	tcttccgttc	ttctcgtctc	tcttctcgaa	ttctctgctt	ttctaatttt	1800
ctatttttaa	tatatccaa	aagagggtgtg	gttcttctag	caatgagctc	tcttgtcttc	1860
gcctccatct	ccccagcag	agtctcagg	ttggcactgg	tcttctcttc	ctccacacag	1920
taggtttcta	aaaactctct	atattctgga	tctttgctgt	caaggaagat	atatccatca	1980
aaacgatctc	taaaaagaag	gatgtcatca	ggattcctaa	aattaatgta	tgctcttgag	2040
tagagatgag	gataaagact	caggtcggcg	gcgaagaact	cgaagtatgc	gtgtgctggc	2100
agcgggcgca	gctgctcctc	cagctgctcc	ttggtgaggc	ccggaggcag	gcggcggatg	2160
accacctgcg	gggagcgcgc	ggccgttccc	accggggcac	gaaa		2204

<210> 3614

<211> 823

<212> DNA

<213> Homo sapiens

$\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (777) \dots (278)$$

```
<223> similar to gi5019453 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

```

<400> 3614
tttttttttt ttcaccggca gcttccactc tttatttcca aagaatcagt gtcacacatg    60
cagatcacaa agcgggtctc cctgtgctgc ttccttctgt gttttctagt ctctcccca    120
ggggctgccc agggccctca ggaactgagt gtgggcaaga cactgctggg ccagagggca    180
cgacgcccac gtgggcccggt attgccagag ccatttggca gtgcagagcc cccccagcct    240
ccagcaggag ccccttgcca tgagctctcc cctcaggggt cctgagcaac gtccctgcca    300
gggctggtgg gtggcagcgg gggggcagac acctcgctga ggtcctgcag cagagcttgc    360
agccgctgca ggctgggggt cacgttttcc tccagccact cctccacggc atccgggtag    420
aaagccagct gcagggcagc ctccagctcc tgcacgaggg tgctccactg tgccaggagg    480
ctgagcgctg cgggctggat gtgctgaacc atgaccgggt ggatgagctt ccgctggcgg    540
tggtaggggc tgaaccagcc agtgacatac ctggtgccct ccagcagcgc atccacagag    600
ctgcgcagat ggaggctgac ttgtgtgaca agggcaagga tgttgctgcc aggggaaggag    660
ccggccccct ccctgcggag agccctgctg agaacagctg tctccacggg cgggggaagg    720
ggaggggaag aaggggacag ggagggtgctc aggggtgcttg cctaacaggg tccgtttttt    780
ccaggctgga aatcccagga aggttctcca ctttcgcttt aac                                823

```

```

<210> 3615
<211> 4033
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1370)
<223> similar to gil945155 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3615
accgacggcg cggcagtggc cggcaaccgc ggctcggatt acttcccagg agggactgct    60
cctggggccc caggaccgcg agggccgctc gggaccagta gcagcggctc caaagcctcg    120
gggcccacca accctccagc ccagggggac ggcaccagcc tctcccccaa ctacaccctg    180
gaatccacgt cggggaatga cggcaagccg gtctccgggg gcggcggccg gggacgggggt    240
cgcagaaaaa gggacagtgg tcacgtgagc cctggcacct tctttgacaa gtactcggcg    300
gctccggaca gcggggggcg acctgggggt agcccagggc agcagcaagc gtcaggcgca    360
gccgtcgggg gaagctccgc aggcgagacg cgcggggcac cgacgcccca cgaaaaggcg    420
ctcacgtcgc catcctgggg gaaggggggt gagttgctcc tgggggatca gccggacctc    480
attgggtccc tggacggcgg ggccaagtgc gacagtagtt cgccaaacgt gggtagattc    540
gcctcggacg aggtgagcac gagctacgcc aatgaggacg aggtgtcgtc cagctctgac    600
aacccccagg cactagttaa agcgagcagg agtccccgtg tgaccggctc gcccaaactc    660
cctccccgtg gggtaggcgc cggggaacac ggaccgaagg cgcccccgcc cgccctcggc    720
ctgggcatca tgtctaactc tacctcgacc cctgacagct acggcggcgg tggggggccc    780
ggccatccgg gactccggg cctggagcag gtccgcaccc cgacgagcag cagcggcgcc    840
ccgccaccgc acgagatcca cccctggag atccttcagg cgcagatcca gctacagagg    900
cagcagttca gcatctccga ggaccagcct ctggggctga agggtggaag gaagggtgag    960
tgcgccgctc gggcctcagg ggcgcagaat ggcgacagcg agctgggcag ctgctgctcc   1020
gaggcgggtc agagcgccat gagcaccatt gacctggact cgctgatggc agagcacagc   1080
gctgcctggt acatgccgcg tgacaaggcc ctggtggaca gcgcggacga cgacaagacg   1140
ttggcgccct gggagaaggc caaaccacag aaccccaaca gcaaagaagc ccacgacctc   1200

```

cctgcaaaca	aggcctcagc	atcccagcct	ggcagccact	tgcagtgcct	gtctgtccac	1260
tgcacagacg	acgtgggtga	cgccaaggct	cgagcctccg	tgcccacctg	gcggtccctg	1320
cattctgaca	tctccaacag	at ttgggaca	ttcgtggctg	ccctaacttg	aatgacaaga	1380
aagatccccct	cctctaccag	gcccttcctc	tccccctgtc	tgtttccttc	cccctcaacc	1440
ttacccccacc	cctctgttaa	tttgaaaggg	ccactattgc	tgagtggatg	agtttttttt	1500
ttttcctcta	ggttggtagc	tgcttagtgg	catatggacc	ggaaagggtt	aatttaaagg	1560
gggggaacct	caaaagtttt	tttaaaaaag	aaacttgtct	gccacagtat	gttaccagtg	1620
ttaacccttc	tgccagttag	caaacttttg	ccttaagcct	ttttcctcta	ggatactccc	1680
catgttttcg	taatcttggg	catacat ttt	ttaagatgga	cctctttgcc	ttgttttggt	1740
ttcatgctgc	tgtatgtcca	agtattgtta	atttcataat	aagacaagag	ttgctttctt	1800
ttttattctt	tttccttttc	ttaccccctc	cccttttatt	ttctttttgc	tttgttcact	1860
gcttattaaa	atggaaatcc	tgagagaatg	tagttctgga	atattgccgg	gtgaaagtcc	1920
aattgtcatc	acaatgttat	atattgacac	ccagtgtca	tcagtccagg	aggagccaaa	1980
caatgaatgc	ccctcttagg	tattccgcct	gggattttgt	tttgtctggt	ccctaagaaa	2040
atatat tttt	attcctgcaa	acacagtgtc	cagccttcag	ttcccttcca	cttgagtctt	2100
ctcttctcct	gctggaagcc	gcccctctct	gcgatggacg	tgaggacgtg	tccagctctg	2160
ctctgtggga	aggagttgga	atgttcgaca	gcagtgtttt	ctctcctttt	ctgggcctcc	2220
tcgcaa atgc	ccaggccctg	cattttcacg	ctgtgctaaa	gcagcctttg	gtctgcatgg	2280
gggatgggtg	gctcccagcc	tgcagtcttt	gggagcaagg	ctgcttgccc	gtggccttgg	2340
gtgctggagt	tggagggggc	tattctcagc	cccttccctt	ttctgaaagc	tgttccctgg	2400
cgggcatccc	agggaagaag	gaggggactg	cgtgtatctc	ctccacctct	cccat tccat	2460
ccccagtc ca	gcctgggcaa	ccccaccctt	gggagggatg	aggcacccct	ttgctcagcc	2520
tgctcagcct	tctctgagcc	tttgccaggga	tctgcagact	cctgagggct	agaggacaga	2580
gaaagagaat	agaatgaaat	gacttttgatt	cctgcgcctt	ttagttttga	actctggaat	2640
tcctctgccc	cctccccaac	at tttttttg	aatctcacc	tattgcaaaa	ctagagccat	2700
gtcccaagca	tctcaca aag	gaataactgc	tctgagcaga	gatgagtggg	ggttggcgagg	2760
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taaccgtgat	ggttatctat	ttaatttcag	tttttggtta	cgagcgtgtc	ttactaaaac	2940
gtccactttt	gagctcccc	acccccctca	ggtcctcaga	gtttgcagat	ctgggctttc	3000
taaagcaagt	gacctgaagg	ctctgggctc	accatacaac	acccacgttg	tttatttcaa	3060
agaacttttc	agcgaaggga	gaggagcttt	cagaaaaacc	tcactctttc	ccctcccttc	3120
tccccctttt	ccttctgcgg	gtcctttttg	ctgggggtctg	agtctgcggg	tctgcgctgg	3180
gcagtcttga	cgaggagcaa	accccgccct	cagagggcag	acaaagcagg	tggcatgaat	3240
tgatcagcga	gaaagggtgtg	agccgaggca	gttcctgcgt	tctgctacaa	aagggaatgga	3300
aagggaagg	aatttcccc	caccatgggc	tgtgggagag	ttgaccgtat	tctgggcaag	3360
actccatgac	ccctctgatt	ctgcagtgtg	cagctgtttg	agagcctcat	cattttactt	3420
ttgaaacagg	aatgattttct	ccttaattgc	ttaaggccgg	ggagcaaagt	gtcttaactt	3480
ctgtctttga	ctttcccagc	gttgagtcat	caacactttg	ccaattagct	catggctctg	3540
gcaacctcag	aaacccctga	agtttttaaaa	actttctcgc	tccccacgac	cccagaatga	3600
aacagcttta	aaaatagcct	taagcaaaaag	gatgttat t	cattaaat t	ggtttaatgg	3660
aaagaataaa	agtaaatgaa	aaacacaccc	tacacactag	actccgaaca	ctggtaatca	3720
gtactgcata	gcaaactctt	tgggaaagaa	aacgaaaatg	ttattgcaca	tgtaaaatata	3780
gaaaacttaa	ctctgctgtg	tgttaggcaa	tcctgtaatc	ttttttgact	cttaaaagaa	3840
attcattttct	gaaatgcttg	gttggaagac	tgtgacaata	gctcatgaaa	ttgagtgtta	3900
tttttttctt	tcttttttaa	aaaaatatgt	aaagtgcagt	cttctgtatt	cctgcatatt	3960
gtatatacct	gtatatgttt	tcttgagcag	ttaaataaca	ataaatatga	cgttaatggg	4020
gaaaaaaaaa	aaa					4033

<210> 3616
 <211> 1203
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(211)
 <223> similar to gi4680669 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3616
 ggaattcggt cctcctgggt tccagaacct ccagcctcac tctctccatt gccggcattt 60
 ttaaggaagt ctgcactttg ctgttggcag ctcatctgct gggcgatcag atcagcctcc 120
 tgaactggct gggcttcgcc ctctgcctct cgggaatata cctccacgtt gccctcaaag 180
 ccctgcattc cagaggtaac ccagagtccc ttccagaagc ctctgttttc tgttcttctc 240
 cctgtgactc ttagtgattc tgatgcagga agtgtgcccg gtggctctgc tgccgtcact 300
 cctctaggaa gatgtggggg tcatctccag agtgggtggg tggggcctgg gtgactcagc 360
 acacatgcaa atcagagcaa accaagaaaa ccacgactgg gcctgtaact gtggtctctc 420
 tctatcccaa ggtgatgggt gccccaaggc cttgaagggt ctgggctcca gccccgacct 480
 ggagctgctg ctccggagca gccagcggga ggaaggtagc aatgaggagg aggagtactt 540
 tgtggccagc gggcagcagt gaccagccag ggcaaatggc ttagaagcag gccactcccc 600
 agcctgctgc cagcactcac tgtgtccaag ccgccagggt tcatcatggt agctgggagc 660
 tgtggacggg agtcaccagg tgggtggggc aagccaggga ctcatgactt ttgcccctcc 720
 cttcagagcc tgggtcacaca aggggcgagc accaggccag cctgggactg gccagagctg 780
 ggcccaagct gcgctggaat cgcagcagga gaggggagtg ggctgggtct tcccaccact 840
 tcccaggctc tgacagccga gactcatttc caaggcacag cagctttcta aagggactga 900
 gtttgactg ggttttggac ctccaggggc tggagcttca tcacctgggc agtgtctttt 960
 ctcagagagc aggtttcttt atagtttgga aataaatggt tcacggtcca ctggccgcct 1020
 tgtgtgctg gagacgtggg ggcagggagg ggacagtgtg ggccctggcc ctcccttctc 1080
 ttccctgcct ggagccttct tcaaatgtct ggtcttaagc caggcctcct tcattttctc 1140
 gctcctgtta gaacaccagt cccctcccca ggggggcccc actgcacctg ctggcaggaa 1200
 ata 1203

<210> 3617
 <211> 4826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4827)...(2413)
 <223> similar to gi5689489 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3617
 tttttttttt ttatggtttg ctttataaaa gttactataa tacaatggta catagtattg 60
 aattcacaaa aatatgaaca aatatttaca tcaagacaca caacggaaac acttctcttc 120
 aaaacaagtt acatatggat gatggagtct acccgacaaa acatccctaa aactcattgg 180
 ttctcatctt tgcaggggga gggagagaaa gcaaaaaata gcagaaaccc ccaactcttg 240
 aaaagcagag atttgttcaa tgaaaaatga gggagttgaa agaaaaatga ctcgacacat 300

atcttgatta	ttgcaaacc	actctggggc	tggggctcct	ggggagaggg	aggtctagtc	360
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gaggactcgg	agcttgactc	aaactc				4826

<210> 3618

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (58)...(464)

<223> similar to gil237278 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3618

ctgatcggac	atggtacatt	cttgagagcc	actaacaata	tggaaacagga	tcacacatct	60
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gcggaaaggc	cttcaggcac	acctccagcc	tctgcatgca	tcaaagagtc	cacacaggag	180
agaaacccta	taaatgttat	gagtgtggga	aggcggttcag	tcagagttcg	agcctctgca	240
tccaccagag	agtccacact	ggagagaaac	cctatagatg	ttgtggatgt	gggaaggcct	300
tcagtcagag	ttcgagcctg	tgcattccacc	agagagtcca	cacaggagag	aaacctttca	360
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acccaagaaa	tattttacgca	atccctagca	gaacattggt	tctgaggagg	catatgtgag	600
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agcatccacg	caggatggct	ctcaggtccc	agtcacagac	gtcgttttct	gggatttcag	720
cacgatgcct	ccatagttga	aagactacac	aaaaagccac	aatcattgcc	cggcctcctg	780
agtcaccttc	tatctatact	ttgcttaaaa	gctattcc			818

<210> 3619
 <211> 4364
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(1682)
 <223> similar to gi3327120 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3619

gcgcagtttag	agccgatctc	ccgcgccccg	aggttgctcc	tctccgaggt	ctccccgcgc	60
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cccgaccat	gcggctgggc	agtcctggac	tgctcttcct	gctcttcagc	agccttcgag	180
ctgatactca	ggagaaggaa	gtcagagcga	tggtaggcag	cgacgtggag	ctcagctgcg	240
cttgccctga	aggaagccgt	tttgatttaa	atgatgttta	cgtatattgg	caaaccagtg	300
agtcgaaaac	cgtggtgacc	taccacatcc	cacagaacag	ctccttgga	aacgtggaca	360
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tcagcgtgcc	cgtcgtcagc	gccccccaca	gcccctccca	ggatgagctc	accttcacgt	600
gtacatccat	aaacggctac	cccaggccca	acgtgtactg	gatcaataag	acggacaaca	660
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<210> 3620

<211> 541

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (104)...(335)

<223> similar to gi3219340 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3620

tttcgtgcga	ggccccgggca	gcacggcg	cgtgggtcaga	gagagtctcg	gagaagatgt	60
ggtggcttcc	gtttgttgg	ggaggagg	gcaggcctcg	gcgggtaacc	cagagaacac	120
agccgaagt	gaatgtggg	acgtctgcga	caccggggac	agagcaactg	tggatgaaga	180
gggctacatc	tggttcctgg	ggaggagtca	tgacactatc	aatgcctctg	ggtggtgaag	240
gcattgattg	tcctgacccc	acagtttctg	tcccatgaca	aggaccagct	gactaaggag	300

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ctgcagcagc atgtaaagtc agtgacagcc ccatgtattg ggtgttagga atccataata 360
cagtgaaccc ataattgact gcaagcatca ctttcaaagc atcatttcag gatgagaatt 420
taagtgccaa gtgaattcaa ggaacagtc aaaggatcca tggcctcagt caccatgaag 480
accctcccaa gagccagccc tactgggaac atataaatga gtggagacct ggaatacgaa 540
a 541

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<210> 3621
<211> 798
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (287)...(771)
<223> similar to gi897849 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3621
tttcgtagca aacaggtttc acgaccactg ctctctggag tcttattcct cagagtatga 60
gcccttgacc aaggagcatg gaatgcatca cctatgtttg aacaagggcg ccagatgacc 120
tctgcggaac cagggtttgg gaagtgtgta tgtggagcca caggacttgt tttagggcgt 180
gtggggcgta tgtgtgagtg ggcttctgca ggtgggcagc cagcgggcac aggcgtggag 240
agcatgggta cccatggaga caccgctcac ggggactttc ctttggcccc acatcccga 300
gggtctcttc ttcgatgatt cctatggctt ctaccagggc cagggtgtca ttggccctgc 360
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caagttccga gtgggtgggtg aagaggtgca ggttgtagag ttgaaagtta catggattac 480
caagagtttc tgtccagggg gcacggacag cgtcagcccc ccacgtctgt catcaccag 540
gaaaacctag gcagggtgaa gcgtctcgga tgctttgacc atgctcagcg gcagcttggg 600
gagcgctgtc tgtatgtctt cccagccaag gtagagccag ccaagattgc ctgggaatgt 660
ccagaaaaaa actgcgcca gggggagggc tctatggcca agaaggtgaa gcgcctgttg 720
aagaagcagg ttgtgcggtat catgtcatgc tcccagaca cccagtgttc ccgggaccat 780
tccatggaag acccagac 798

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<210> 3622
<211> 1708
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1709)...(510)
<223> similar to gi434779 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3622

ttaaaagtca	cactagataa	gacatcttta	ttacttaatc	tttaaaacag	gtcactgtgc	60
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aaacttggtg	taaaaataat	gcagaaacat	atacgtcaat	ctaagtctct	gaaatatggc	180
caactctacc	tcgccgtata	tccaacatta	aaaagaaaaa	aaaaggctgt	ttaagaatag	240
aactcattcc	cggtttccac	caaattattt	ccctaattct	taaatcctca	aataagttct	300
taatctccaa	agtctcgggt	gtgggaaaaa	cattaatttg	tgcagtccaa	cacttacata	360
ctttcttgac	ggaagggcaa	tctgtccct	ttaaactcaa	tgaaggcagc	ggccaggtcc	420
ttctgagtcc	ccgtataatt	gcctagaact	taacatttag	tattcatagt	ccttggttta	480
cagacgggtc	cgacagttag	aaactattac	ttcctcctct	ttcctcctgg	gcgctgtcct	540
ccttttctct	tgccacccaa	gccaggcggc	ccagaattca	tcttgccctc	caagcccct	600
ttcctcttcc	ctccctggct	gggcggggcc	cctttcctct	tgcccccagg	cccctgccgg	660
cctccctttc	tcttgccctt	ctggctcatt	ttcctcctct	tggcggcctc	ctcctgggtc	720
tctccctca	tctgcttatt	ggtggcccta	gtcacatcca	gcttgaggct	tcttgctggt	780
catgacacga	agcagctcca	actggttctt	tttctcggt	gcaaagtccc	cgaaaagggg	840
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aaagcgcccc	acagaggcgg	tggagacctt	ggccacttgc	atggcgcggc	ccagctcctc	960
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cctgctctgc	ctttgcgagc	agctcctcca	cgtctctggc	ctccatggct	ccggctcggc	1620
tcactcgctt	tggggctgca	gctgaagtta	cttttctctac	agtggcggcc	caaactccgg	1680
cagcataacc	acgtgcagat	gccgggat				1708

<210> 3623

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(500)

<223> similar to gi506664 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3623

aaccggatgc	tgtagctcac	ggacaccccc	ccccccaaga	cacatatgat	ccaccattcc	60
atctctgact	ataaggccac	cctgaggtgc	tgggcccttg	gcttctaccc	tatggagatc	120
acactgacct	ggcagcagga	tgaagaggac	cagactcggg	acatggagct	tgtagagacc	180
aggcctgcag	gggatggaac	cttcagaag	tgggcagctg	tgggtggtgc	ttctggagag	240
gaacagatac	atgtgccatg	tgcagcatga	gggggtgccc	gagccccctc	ccctgagatg	300
ggagcagtct	tctcagccca	ccatccccat	cgtgggtatc	gttgctggcc	tggttctcct	360

tggagctgta	gtcactggag	ctgtgggttc	tgctgtgatg	tgcaggaaga	agaactcaga	420
tagagtgagc	tactctgaag	ctgcaagcag	cgaccatgcg	cagggttctg	atgtgtctct	480
cacggcttgt	aaagtgtgag	acagctgcct	tgtgtgggac	tgagaggcaa	gatttggttc	540
cgccttccct	ttgtgacttc	aaaaaccctg	actctctttc	tgcaaaggca	cctgaatgtg	600
cctgtgttcc	tgtaggcata	atatgaggag	gtggggagac	caacccaccc	cctgtgtccac	660
catgaccctc	ttccctcatg	ctgacctgtg	ttccctctcc	aataattaat	cattcctgct	720
ccatagacgt	gaggctgaga	tgtctccatc	tctgtctcaa	ctttatgtgc	actgagctgt	780
aacttcttac	ttccctatta	aaattagaat	ctgagtataa	aaaaaaaa		828

<210> 3624

<211> 4530

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(2018)

<223> similar to gi307121 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3624

tttcgtgaca	gtagccctctg	ctcgcccttc	gagttccact	gcctaagtgg	cgagtgcac	60
cactccagct	ggcgctgtga	tgggtggccc	gactgcaagg	acaaatctga	cgaggaaaac	120
tgcgctgtgg	ccacctgtcg	ccctgacgaa	ttccagtgtc	ctgatggaaa	ctgcatccat	180
ggcagccggc	agtgtgaccg	ggaatatgac	tgcaaggaca	tgagcgatga	agttggctgc	240
gttaatgtga	cactctgcga	gggacccaac	aagttcaagt	gtcacagcgg	cgaatgcac	300
accctggaca	aagtctgcaa	catggctaga	gactgccggg	actggtcaga	tgaacccatc	360
aaagagtgcg	ggaccaacga	atgcttggac	aacaacggcg	gctgttccca	cgtctgcaat	420
gaccttaaga	tgggttacga	gtgcctgtgc	cccgacggct	tccagctggg	ggcccagcga	480
agatgcgaag	atatcgatga	gtgtcaggat	cccgacacct	gcagccagct	ctgctgtgac	540
ctggaggggtg	gctacaagtg	ccagtgtgag	gaaggcttcc	agctggaccc	ccacacgaag	600
gcctgcaagg	ctgtgggctc	catcgccctc	ctcttcttca	ccaaccggca	cgaggtcagg	660
aagatgacgc	tggaccggag	cgagtacacc	agcctcatcc	ccaacctgag	gaacgtggtc	720
gctctggaca	cggaggtggc	cagcaataga	atctactggg	ctgacctgtc	ccagagaatg	780
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agagacatcc	aggcccccca	cgggctggct	gtggactgga	tccacagcaa	catctactgg	900
accgactctg	tcttgggcac	tgtctctgtt	gcggatacca	agggcgtgaa	gagggaaaac	960
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gacatctact	cgctgggtgac	tgaaaacatt	cagtggccca	atggcatcac	cctagatctc	1140
ctcagtggcc	gcctctactg	ggttgactcc	aaacttcact	ccatctcaag	catcgatgtc	1200
aatgggggca	accggaagac	catcttggag	gatgaaaaga	ggctggccca	ccccttctcc	1260
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gaagaccaca	gaggatgagg	tgcacatttg	ccacaaccag	gacggctaca	gctaccctct	1980
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tgcccagaac	ccttcctgag	acctcgccgg	ccttgtttta	ttcaaagaca	gagaagacca	2100
aagcattgcc	tgccagagct	ttgttttata	tatttattca	tctgggaggc	agaacaggct	2160
tcggacagtg	cccatgcaat	ggcttggggt	gggatttttg	tttcttcctt	tcctcgtgaa	2220
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tgagccgaga	ttgcgccact	gcagtccgca	gtctggcctg	ggcgacagag	cgagactccg	3420
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gccaggcatg	gcgaggctga	ggtggggagg	tgggttgagc	tcaggcattt	gaggctgtcg	3540
tgagctatga	ttatgccact	gctttccagc	ctgggcaaca	tagtaagacc	ccatctctta	3600
aaaaatgaat	ttggccagac	acagggtgcct	cacgcctgta	atccagcac	tttgggaggc	3660
tgagctggat	cacttgagtt	caggagttgg	agaccaggcc	tgagcaacaa	agcgagatcc	3720
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cccagctact	tgggaggctg	aggcaggagg	atcgccctgag	cccaggagggt	ggaggttgca	3840
gtgagccatg	atcgagccac	tgcactccag	cctgggcaac	agatgaagac	cctatttcag	3900
aaatacaact	ataaaaaaat	aaataaatcc	tccagtctgg	atcgtttgac	gggacttcag	3960
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gtgcaacgct	ttttgggaga	atgatgtccc	cgttgatgtg	atgagtggct	tctgggagat	4440
gggtgtcact	ttttaaacca	ctgtatagaa	ggtttttgta	gcctgaatgt	cttactgtga	4500
tcaattaaat	ttcttaaatg	aacaaaaaaa				4530

<210> 3625
 <211> 2343
 <212> DNA
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(2344)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2090)...(1160)
<223> similar to gi3820985 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3625

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tttttttttt ttatgtggat aatattttatt tgtatcttat ctatagaaca aatattttaca      60
gatacaaacg gaatcacagc aaagtttgcta taaaaccatc cagacctctc gatggccact      120
tctgaaaaca tccacggtga agggcagggc caggcctggc tgtggagtgg gccagctgag      180
tacctgggcg tcagccaagg gaaatggttg gggattatgg cttcagcact ctgccggagc      240
acattcctga gcgctgacaa cgtggagccc tcaccgcccc cacctacccc aacctcaatg      300
gggaaggaaa ggggcctgag ctgggcaggg ctgcccgggc tcaactatgtg cctgctccag      360
gagtcacctg cccctgtgct ggcaggagca tccctgagct ggaccgggag gcctctctgg      420
cctggggctg ctccctgccc ggcaggctgc tgtttggcag ctggaggtgg caagagctgc      480
tggtgctgcc agggcggtgt ggccaggaat gagctcccag ggcagccctg aggaaagggt      540
cttaggaagc gcctcccagc tcaactactag gagctgggga ctgtcagtgc tgagtggggc      600
tggggtacag gagcacctgc ctctcctttc tttggcttag aagtggggaa ggaagggccca      660
ggaaaaggga ccaaagccgc cccagccttg gcccctaggc cgccctggga ctgtgtgtgt      720
gctgaggggg cagtgggagg tgggcagctc tggagttccc tgcaccctgg gatccttggg      780
ctgctctcac tcccggggtc ccagcagggc aaggcctctg cttgggacca gtgctgctct      840
tcctcgctgc ttactccagg aggtgaaggt gacagggcgg caaggagagg taaccacagc      900
atggctgggg acaggcgcta cactgggccc cggacccagc acagggatca cagtgtcggg      960
ctcgcgca caacctctggc cacatgtgca caccacatac atccacacgc acctccctcc     1020
tgtctggcgg gaggtcatt ctctctcgca gccactcgcc ctctctgcct ctcacatatg     1080
cggtcacaga gtgaatccga gcatcttatt gctgcagggg gcaggggctg cggcatacag     1140
gaaagttaat ccacgaagag cgagaacagc accattacca cgatgcccgc acagagcaga     1200
agcagctgct gcagggagcg ccacgggtcc tcttcttcca agaggtcagg gagcacgttc     1260
accaaggcga tgtagagaaa gccgccagag gtgaagggca ggaccagggc tgccgtctcc     1320
tctactccct tgggggactg ggtacagatg gcgaagccag cgcccagtag gccccccagc     1380
gctgttgaga gttgcagctt ggctgcgctc catcggtcaa agccggcccg gagcaggatg     1440
gcaaagtcgc ccacctcatg ggggatctca tgcaggagga tggccatggt tgtcaggagc     1500
ccgatcttct tgctcacaag gaagctggca gccacagcca gcccgtgggt gaagttatcg     1560
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gcagtggggt ctttgttggg ggcctggctg gtccccctct ccttgtctgc caggaacatc     1740
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tgctgcaggc tctgcccctc accaccaggg ctggcgctgc acgtgtaggc ccaggcttcg     1860
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agcaacggga agacccact gagccccacc atgagggaac ccaggaggga gcagatccag     2040
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cgacaggccg tcgcagtccc ccggctccgg agggccggct gggaaccccc agcccttccc     2160
aagagctcca gggcaagggc agtgaggaa aggagccttg ggcccgccat gccacagcca     2220
gggcagggac atccaggcat gccacgtacg tgcggcggcg gcggcggcga tccgggcggc     2280
cccagcccgg gaattcggtg ncggctcgctg tgcgtacggc ttcaatnatc aaannngngc     2340
acg                                                                    2343

```

<210> 3626
 <211> 1325
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (249)...(465)
 <223> similar to gi2564001 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3626
 gggaaagtga gtgctggcca ggctggggcg gacagaacac ttcgacgggc tccggagccc 60
 agattcagcc aggaaccac aggcaactcg gcctaccccc agctgaggcc ctttttggac 120
 ccgagggga gagatcttaa acccagcgct ttggtccac ccacccgctc ccacactggg 180
 aggagaccat ggctccacac acagcccctg ccaggcccac aggggcgggc atgggggccc 240
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 tggcgtttcc caccagcaag agctcggggc agaaggggag gaaggagctg ctgaagggca 360
 acggccggcg catcgactac atgctgcatg cagaggaggg gctgtgcccc gactggaagg 420
 ccgaggtgga agaattcagt tttatcacc agctgtccgg cctgacggac cacctgccag 480
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 gggcctctgc cagcccttgc agctgcagcc catccctggg ccatgtcccc tccatcgagt 600
 gcccgggtgt tgggggagga gggcagggac agggaggagg ccacagtcag tgcccgggaa 660
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 ccccaggagc ctccagctgc ctaaccagt ccattcttcc acaacacgat tttctacaaa 780
 tctacagcac aaccgagttt gtaaccctg ggtagtatg aggaccgggt tcgtgtactc 840
 tctgtatctc ctcttaagct tcgtccaggg ttctttatct ttgtctgctg ccaatgtcgt 900
 ctgcgatgcc tgcacctcg catgcacgt gcccgcatgc cactgtccac gctgtagcca 960
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 agaagcactt cctgggcacg gccaccagct ctcccgctc cagtgtgggc cggctcctgc 1080
 agggtcagag ggctgcatct ctaccagcca gccagggct cttcccaggg tctcgcatte 1140
 aagggaattt acatttttaa aagaaaaaca gaaaaagggt aatcacaaaa ccaaccctca 1200
 cttcacaggg tctgtaagtc actcatagaa ctttgcctt cccgagacag ggtcccttcc 1260
 ccagctcagg cacaacagag tctggcaggc tctggcacc tgggcctcct ccgggagcct 1320
 cccat 1325

<210> 3627
 <211> 1458
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1424)...(490)
 <223> similar to gi3881305 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 3627
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cctgcggagt ttgtcctcac gcacaccaca cacgatcggg tataaaacac attctataaa      180
cacgttctga tgcaaaactgt gtgtccataa atatataatt atgcaagttc ctcccaccca      240
ctgcaggggc gtacagctct ggggacagga ggtcacagcc gacttttaaac cacagggttaa      300
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agtgtctctg agctggctat ctgtggcact gtcaggggct gaggactggc tgggcagaca      480
agtttccagg ccatctgaag actccgacag gggcttgtat aagaagcagg ctatggcaaa      540
gaagaggagc ccagcacact tgtacaggag ccccatgatg agtatgtagc ggctcatggc      600
cgaattcttg tacaccaagc aggagccctg ctggccacac tggtcctgcc acagcagaca      660
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tcgggcagga ggctcccggc gtagctggct gtgacgcccg ccatgggcac actggggcag     1260
tgcaagtgaga agacaggagt gccagcagg ctgacaacgg tgcagaacag gcagaacttg     1320
atgaccgcgg agccccggag cctgagcttg ttcaaaaga agccgcccag gaagggtgccg     1380
ccaccaccgc ctggcaccac caggtaccca aacaagggtg cagcttctga ggcactcagg     1440
cgaattccac cacacgga                                     1458

```

```

<210> 3628
<211> 910
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (730)...(242)
<223> similar to gi755646 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3628
ttttttttttt ttcccagctc acacatcttt attggccttg atgtgggggt gccaaaccag      60
ttgcccctgt cctgtgtcag ccagctgtgg caatttcacc cttattcctt ggagaggcca      120
gctgcctgct ggaaggagtc agaagtccgt ggatgtcatt gaggccttg agggcccagt      180
ctggcgggag agaaatccac acctgtgcct ggagttctcc ttccctgacc ctctgaaccg      240
gcgcttaaaa tgctgtcccg cctggaacag ggaggccaca tccagcagtg cgtcctcaat      300
gtgctgcccc agcctgtggg aatccgtttt tgtgcttgat tttttgctgg agatgtggaa      360
ggtgatcatg ccatcccca tgaagatata agaaacacca taacctggg catcagcagg      420
ccgaatcca ccgcctgagg aaacatagtc cgggtaattg tggacgtcaa acagatgcat      480

```

ttgctgaaca	gggatctggc	tgggtggacag	ctgccactgc	tccgaatgga	cctggggtcag	540
gaagggcgac	tgcaggtgga	ggaatcggga	cacgatgtac	agcgcaaaca	ggtggcggtc	600
aactccctgc	ccgctcatgg	ctgccttcag	cagagcctgg	tgcttgtcca	ctgccacgcg	660
gaacagggcg	aggcactgtg	ggtcctgcag	tccccaggga	ggtcacaggt	catggaaaga	720
caggaagtcg	acttagggct	gggcctgcgg	cacatctggc	ctcaactgag	tttgccacat	780
ccctgcaagg	tgggaatatc	aacccccattt	tacagatggg	gaactgaggc	ttagagaggg	840
gaaatcattt	ggccaggttc	acacagccag	ggagagccag	gcgggttcct	aggtgtgtct	900
ggccccagag						910

```

<210> 3629
<211> 2127
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (70)...(1106)
<223> similar to gi2088669 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3629						
gcagccccgg	caggcgggcg	ccccgaccgg	gaggccttat	cggccttccc	cggacggcac	60
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cccattcacg	ggcgcggcaa	cttccccacg	ctgagcgtgc	agccccggca	gattcgtgca	180
ggtggtccgc	agcaccctgg	aggagcaggg	actacatgtg	cacagagtgc	ggctgcatgg	240
ttcagctgcc	agccacgtgc	tgcaccctga	gagtggactg	ggctacaagg	atctggacct	300
ggtgttccgg	atggacctgc	gcagtgaggc	atccttccag	ctgaccaagg	cagtgggtgct	360
ggcctgccta	ctagacttcc	tgccggccgg	tgtgagccgg	gccaaagatca	cgccactgac	420
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gagacgccag	tttgaattca	gcatagactc	cttccagatc	atcctggact	ccctgttgct	600
ctttggccag	tgctcgtcca	ctcccatgtc	tgaggccttc	cacccaacgg	tcacaggcga	660
aagcctgtac	ggggacttca	ccgaggccct	ggagcacctg	cggcaccgtg	tcacgccac	720
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accctggcca	gaaggggaag	gactggggcct	cacgggggtg	ggtggggcct	ccaagagtgt	1260
gtggaggaca	tgaccagagg	cgcagaatgt	gccaggaggc	ccagcactgc	aggggttggg	1320
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gactgatata	tggatatgta	cagggacttg	tcactttgga	tcaggctggg	ccactacagg	1680
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aagccttcct	cttgaggggt	tgaggtgggc	agtatacagg	agccaagcag	cccaggggtg	1860
gtcgcagccc	aggccccttc	cagggtgcca	ctcctttccc	ccttgtgttg	caaggagccc	1920
tcctgcctgg	gagcttggtc	tttggaaggt	gctgagcctg	aatttgccac	agtcaagtca	1980
acgttcccac	cccactggct	tggttacagg	gctctcacat	ggggtagggg	agccatactc	2040
ccaccccctt	gcgtattccc	ctgggtttgt	tgatattttg	cactcttaac	acctgccaat	2100
aaagacggtc	tacactgaaa	aaaaaaaa				2127

<210> 3630

<211> 1667

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1669)...(962)

<223> similar to gi3046604 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3630

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cattcacaca	aacacaggta	ctgaataaat	taaacgctca	ggctctggcc	ccaccccagc	180
tttcagagcc	cacaagcaga	ctgtacaaag	tcaataattt	aaaacccaaa	ccctgggcac	240
agtgcctgga	agtgtcaggg	tcacccactc	cccttaagtt	agccactata	catgttcac	300
ttctgacagg	cggggccagg	acagacgcca	ggcacaggaa	tcagggcctg	gggtccctgg	360
accacagcca	ccccctcccc	tgctcccca	ctgtcccctg	gggcttggga	gaggcagact	420
gctcagagga	aataacctca	acaaataaat	taaacaataa	atagccccgg	tgggccgagg	480
gcacctccag	ggggtcacac	cataaataac	agagttggcg	gcgggtacgg	ctcgcgtggg	540
cgggcgggcg	cggaggccag	gacttgcat	gtgtgtgcag	gacgtgcca	gacgcacacc	600
gcaggactga	gggcgggagg	tgggcttggg	accctgcgcc	ggcggaaaga	gctccgggtg	660
ggcaggcaga	tgggaaggcc	gcctccggac	acagcagcac	agaggggcgt	ctgggggttca	720
agtatccacc	cagggcaggc	gggacctcga	ccggagcgtc	tttgacaga	cagagcttga	780
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ggcgtcccag	gtctggccaa	ggcaggtggt	cccctagctc	ccagtcaggt	gcagctcctc	960
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tctgatccag	cgacggccgc	tctgagggcc	gcagggacag	gcaccaccgg	atcagctgct	1140
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gctcgaaggg	gatgtcccca	cacaccatat	cgtagagaag	cacgcccagc	gaccacacgg	1260
tggccgagcg	cccgtggtag	cgggtggtagc	tgatccactc	cggggggctg	tacactcggg	1320
tgccgtcgaa	gtcgggtgtag	accgtgtcct	tgagcagcgc	acccgaaccg	aagtcgatga	1380
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gccagcggct	cgtccagggc	gccgcgctcc	gtgataaagt	cgaagatggg	cctagcgcgg	1560
gctcggggcg	ctccagcacc	agcaggaagc	cgtcggggcg	ctcgaaccag	tccagcaggc	1620
ggatgacgcc	gcgcgcgcgc	cccggcgcg	ccaccttgcg	cagcagc		1667

<210> 3631
 <211> 1468
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1468)...(1055)
 <223> similar to gil899194 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3631
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 ttcccaaaga acatgagttt cacctcagcc atcaaagcag agggcgaaag ctgcaagtga 120
 caaggcaaga ggctcctaga aaaatagatt atacccaagg ctctcctcct ggggacccaa 180
 acccgTcccc aggcTcccc tcagagcttg ccaaattggag tgaaaggcat ggaaaggggc 240
 tgggagaaaa gccagctcca ctgaacaaag gggagaggag cctggcagtg agcagacctg 300
 ggaggggtgt ggggtgggat gagctttgct ccttggttga gtgctggaaa agggaagggg 360
 gaagaaataa tttatgttga tgtaattaat gtaatgatga tgtaatggtg cgtgggtttca 420
 atcatggcga ccattccaga tctctctcaa gtgaagctaa attctggccg gtctatggag 480
 gtagaaattg aggacggaag gaaagttag aatccctcct cccaggaga atagacattt 540
 attaccagc tctacccttt ggcccagcct gcctcccaa atggcttcca aatccctcag 600
 ctaaaatctg catcagaaaa tggatttga atggggatgt tgccttgccc aaaccctcca 660
 gcctcagaac tgataaagag gttgaagagc aggggtgggg aaaaggaagt taaggaatga 720
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 ggagagcacc cggaagaaa gaaagacacg ctgcgccagg aaggcagccg agaaggtgtg 1140
 cacgtgggct agagtctctg cgtttagtaa gccaggcgc ccagcttcat agtccaggta 1200
 cacaccaaag cgccttggtt tctcactggg gctcagcagc gtctgttctg tggagctctg 1260
 ggccctgatag cgtttgccgt tgggtgccac gcaccacact tcccgctgga gcaggggctg 1320
 ctggggcagg tggagccggc ggcgccgatg gtgatggcgc gaggagctgg catccccgct 1380
 gccacggag gaacccccag ggcccacctt ttccttatga tgggttgatt cacgggcaga 1440
 cgccatccta ccctctcgca cagccgac 1468

<210> 3632
 <211> 5979
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(5098)
 <223> similar to gi2887421 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3632

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tcgcctctgg	cctcggccct	cttgatgccc	tcggaggcag	tctcaagcag	ctgggtctgag	180
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gttgtctcgt	tacgggaaga	gaatccagcc	ctgcggaaag	atgcgctgca	gatccttcat	540
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acatatgatt	tcatcccatc	tgcaaaaatta	aagctttctc	aaggaatgcc	agtcaatgat	2040
gatttatgtt	ttagcagaaa	aagagtatca	agaaacttat	ttcagaatag	tcgggatttt	2100
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agagaccact	tatctcctat	aatcaacatg	ctaattccag	caatagtggg	taacaatctg	4680
aattccaaga	atccaggcat	ctatgcggct	gctacaaatg	ttgttcaggc	actgagtcag	4740
catgtagaca	attacttact	tctacagcca	ttttgcacaa	aaagctcagtt	tttaaatgga	4800
aaagcaaaac	aggacatgac	ggaaaagcct	gctgatattg	ttacggaact	ttatcaaagg	4860
aagccgcatg	ccacagagca	gaaagtgttg	gttggtttat	ggcatctctt	aggaaatatg	4920
acaaaatagtg	gctctctgcc	tggagctgga	ggaaatatac	gaacagccac	agctaaatta	4980
tcaaaagcac	tctttgcaca	gatgggtcag	aatctgttaa	atcaggctgc	atctcaacca	5040
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ctaaaagtta	tgttatcagt	gcctgcactt	cacatccagc	aaattaagtc	aatggctatt	5220
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caaccaaaag	tttagaaaaac	attaaacatt	ttaaatgcac	gtttaaaaaa	cgtgttgaat	5760
gtaaccccc	tatttttgtg	tgcaaacact	aaattttatt	gctttatgtt	ttgaccttta	5820
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agcttttttc	agaattcatg	ggcttacaag	tactgtatgc	atcttttaaa	agaaaaggaa	5940
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<210> 3633
<211> 5539
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(3951)

<223> similar to gi4589670 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3633

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acacacgggt	ggaggaaacc	atggctctgc	cccaggaagg	cagccttgcc	aggatcccgg	180
aaacttcttt	ggattgtttg	gagaacacct	taggagtaga	ggaacaaaga	catgaaacca	240
gtgaccatga	ggccgaggag	cctgactgca	ttattttctga	agcaccact	tctcccctcg	300
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gagggccccc	gagaagccca	ggcgtggagt	gggaaatgcc	tcttgccaca	gactctccca	420
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ccaacttgca	gaaaagccag	tattattcta	cagtgggagg	gagccaccgc	cactcagaac	540
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ctccagccat	tccattaaaa	gtattagtcc	tgctttgagc	tgaaccagct	tgagccta	4980
ggaagactgg	atgtctttct	tcttcatcca	agcaccctaa	tgactgttta	gttacatcca	5040
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<210> 3634
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (23)...(585)
 <223> similar to gi2058378 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3634

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ttgccggcag	gaagggaagg	atcgaatcat	atttgtaacc	aaagaagatc	atgaaactcc	180
aagcagtgca	gaattggtgg	ctgatgaccc	caacgatcca	tacgaggagc	atggattgat	240
actgccaaat	ggaaacatta	actggaactg	cccatgcctt	gggggaatgg	ccagcgggtcc	300
ctgtggagaa	cagtttaagt	cagccttttc	ctgctttcac	tatagcacgg	aggagatcaa	360
ggggtcagac	tgtgtagacc	agttccgggc	catgcaggaa	tgcattgcaga	aatacccgaga	420
cctctatccc	caagaggatg	aggatgagga	agaggaaaga	gagaagaagc	cagcagaaca	480
agcagaagaa	acagctccca	ttgaggccac	tgcaaccaa	gaagaggagg	gatcaagtta	540
atgaaggcca	caaggcactg	ggcaccagtc	cttttgaggt	ggaccttttg	caaaaggcct	600
tgtcatcacc	ttccaagaaa	gtttccttct	gttgtcctgt	gcattataat	atacaaaata	660
acttattttg	atgatcagag	gtcttgaggt	cttgacctct	tgacatatac	actg	714

<210> 3635
 <211> 1258
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (42)...(287)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3635

atggaaaact	gtgcaactgc	aggtaccacc	cacgagtcgg	cgatcttggc	tcaccgcaac	60
ctccgccttc	tggattccag	caattctgcc	tcagcctccc	gagtagctgg	gactgcaggc	120
gcgtgccacc	acaccgggtt	aattttttgt	attttttggt	agatacgggg	tttcgccatg	180
tcggccaggc	tgggtctgaa	ctcctgacct	cgtgatctgc	ctgcctcagc	ctcccaaagt	240
gctgggatta	caggcttgag	ctcctgcgcc	cagcccatgc	taagtctttt	accagtggt	300
caaaactggc	acaacacagg	atttatactg	gagagcaacc	tcacaaatgt	aatgaaagtg	360
gtaaggcttt	ttatcaaatg	tccttgtctt	tggggctcatg	agaaaattca	tacagaatct	420
attaaaaatg	tactaaacat	ggaaagacct	ttaagcaaca	gtgatgtgat	gaagggtgta	480
gttttttaaa	tgaactccca	taagagtcta	cacaccatag	aactcatacc	aggaatcaca	540
aagtctctaa	atttccaaag	ttaactggaa	atattacaaa	ctgcagaata	attccaggcc	600
aaaatatgtt	aaattcataa	catgatgtat	atcaaaggaa	aaaaggacat	gtggaaatga	660
cacattatct	tcagtgtata	aaatatcat	ttatgtgaag	tttcttgga	aggctacact	720
actattactg	gtttccgtct	gatgtttgag	atctgttgat	tttatgcttt	tcttacaggc	780
ctttcattat	gatctttggg	aaggaatcaa	taaaatgata	gggcctactt	cattaggtgt	840

ggttcattcc	tattcatgct	ccctggaaga	acaagaatgc	tgaattttga	aatttaatat	900
tgtatgaatt	agcatcaggg	agagggtggag	aaaaatacaa	aactaaaagt	catgcttatt	960
gtgttcagtg	tgcccttctc	cagagggcca	ctggcttata	ggaaaggatt	gctgctctac	1020
cagttgacca	ggagatggca	cgccaggaca	ttaagacact	ggagttttgt	ttcgtttttt	1080
tttttttttg	agactctgcc	tcaaaaaaaaa	aaccaaacca	aaccaaagaa	ccagaatagc	1140
atgtgcacgt	atacacagac	gtttcacaaac	tggcattatg	ttttgctact	gtttttattta	1200
caatgtatca	caagttttat	gccccataa	aatttaataca	taacttctaa	aaaaaaaa	1258

<210> 3636
 <211> 2549
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1864)
 <223> similar to gi4731910 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3636						
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agtcgaccag	cattatcctt	gcaggaaacc	agaaaagcaa	aatcttcac	accaaaaaaa	120
cagaatgatg	tccgagtcaa	atttgaacat	agaggagaaa	aaagaatcct	tcagttcccc	180
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aaagctctgg	aactgctgga	tcgtagtatt	catatgaaga	gcctcaagat	attacttgta	360
ataaatggaa	gtacacaggc	tactaattta	gaaccattgc	catcactaga	agatttggat	420
aatacagtat	ttggagcaga	gaggaaaaaa	cggctatcta	taatagggtcc	tactagtaga	480
gatagaagtt	ctcctcccc	gggttacatt	ccagatgaat	tacaccagggt	tgcccgggaat	540
gggtcattca	ctagtatcaa	cagtgaagga	gagttcattc	cagagagcat	tggaaaccaa	600
tgctggatcc	aattatcttt	aagcagccct	gaaaattctg	gctcaggaag	ttgtccatca	660
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agagtatgat	gatagtcgaa	taagaagaag	gggaagtgc	atagacaatc	ctactttgac	1020
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caaactgctt	ggccaaggag	cctttggaag	ggtctacctc	tggttatgatg	ttgatacagg	1140
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aggagatttt	ggggccagca	aacggcttca	gaccatctgt	ctctcaggga	caggaatgaa	1560
gtctgtcacg	ggcacaccat	actggatgag	ccctgaagtc	atcagtggag	aaggctatgg	1620
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gccttgggct	gaatttgaag	caatggctgc	catctttaaa	atcgccactc	agccaacaaa	1740
cccaaagctg	ccacctcatg	tctcagacta	tactcgagat	ttcctcaaac	ggatttttgt	1800

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<211> 415

<213> Homo sapiens

<221> misc feature

```
<223> similar to gi5726234 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
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ctgccatccg	tctggatccg	gcagggtgtc	cactgtgtct	ctgatccaat	gaggcaccca	120
ttgccgctcc	cgatccggct	aaaggcttgc	cattgttctt	gcacagctag	gtgcccggtt	180
ttgtcctaata	ccagctgaac	gctagtcaact	gggttccacg	gtttctttcc	gtgatccacg	240
gcttctaata	gagcgataac	actcaccaca	tggcccaaga	ttccatttct	tggaatccat	300
gaggccaaga	accccaggct	agagaacaca	aggettgtcca	ccatcttggga	agcggcccg	360
caccatcttg	ggagctctgg	gagcaaggac	ccccgcacc	aataagagtt	tcgca	415

<211> 2473

<213> Homo sapiens

<221> misc feature

<223> similar to gi4240315 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3638
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gaaacaacat cggatagttc cccacacctta agccggagac cacttcgagg gggctggggc 180
cccacctcct ggggtcgagg tcaggacagt gacagcatta gcagctcttc ttcggactcc 240
ctgggctcct catcctccag tggaggtcgc cgggccagtg ccagtggagg agcccgggcg 300
aagactgttg aagttggcag gtacaagggc cgccgccccg agagtcatgc ccctcatgta 360
cccaatcagc catcagaggc agctgcacac ttctacttcg agctggcgaa gacagtgtgt 420
atcaaggcag ggggcaacag cagcacttcc attttcacac atccatcttc ctcagggggc 480
caccagggtc ctcaccgcaa cctgcacctt tgcgccttcg agattgggct ttatgccctt 540
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tgggatgggc acctgacacc ccctgaggtt gcatccctgg ctgacagggc atcacgggca 720
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cctgaagtgt tgtttgaggt tgctcaccag tggttctggc tatatgagca aactgcaggt 960
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agtaaaaaaa aaa 2473

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```

<210> 3639
<211> 2087
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature

```

<222> (37)...(1787)

<223> similar to gil769467 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3639

cagtcattgt	ccaaacctgc	ttttttccga	caaaattcag	agaggaggaa	cttcaagctg	60
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tccactccca	gcagccctga	tgacattttc	tttaaccttg	gagacccaca	gaacggcagg	180
aagaagagaa	agatacccaa	gctggtgttg	cgaatcaacg	ccatttatga	ggtccggaga	240
ggaaagaaac	gggtgaagag	gctgtcccag	tcaatggaga	gcaactcagg	aaaagtgaca	300
gatgagaaca	gtgagtctga	cagtgacaca	gaggagaagc	tgaaagctca	cagccagcgc	360
ctgggtcaacg	tgaagtcccg	gctgaagcag	gcgcctcggt	acccatcact	tgcccgggaa	420
ctcatcgagt	accaggagag	gcagctcttc	gagtactttg	tggttggtgc	tttgacacaag	480
aagcaggccg	gggtgccta	cgtgccaaaa	ctcacccaac	agttccctct	gaagttggaa	540
aggtctttca	agttcatgag	agaagctgag	gaccaactga	aggccattcc	ccagttctgt	600
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cagccactca	tgagaagtgt	catggaagcc	cctttcccag	ccctgggcaa	aaccatcctt	900
gtcaagaact	tcctgccagg	ttcaggaaact	gaggtgatcg	aactgtgccg	cccgtgggac	960
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gagcccgaga	ccaggcgtgt	cgccgacatg	caaatggggt	gttttggtgg	ttgagagttt	2040
ttttttttat	cttagatatt	aaaagtaaga	aaaatgaaaa	aaaaaaa		2087

<210> 3640

<211> 998

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (907)...(550)

<223> similar to gi3925685 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3640

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tatctgacca	ccattactgg	gcttttgaag	tacctcgtag	tggaacttcac	aaatgattct	180
taatttttaa	aaatgcaaag	tgtcttagta	tttgtgtatg	acattttaa	tcagaattta	240
cgtagtatag	aaaaatactc	acaaaatat	ttataagcca	cacacttaaa	atgcattgaa	300
catttatgaa	agctccaaaa	tttaaagcat	agcatatata	tttattttat	aaaatagaaa	360
aaaaaataaa	gtatattgat	tgttctttac	acattttgat	tacactgaat	ttgttaattt	420
aatattagtt	caaataaaca	ttgttattta	aaaaatgctg	agtacacgat	taagctgaat	480
tttgttttcc	atcagaaaaa	gaacttcagg	agtatataat	ggctctacag	tgcttcccat	540
ccaaaacact	aggtcttcat	cttttgtttc	ttagaccact	cagggtgcttc	tttttttagta	600
aagagtgttg	gttttaggtg	aaatataattg	tcttcatgct	ctttaggcac	attcaaagtc	660
tttgatttct	gattttctgt	cacatgtttt	ggttctgttt	tagtgagaag	taagctgttc	720
tcagaatgtt	tactatgcat	cttaacgaga	atctgtttca	ttgctgccaa	ttcctgacat	780
ctttctcaag	ttgtgcaata	gattccgtca	gtgaatcaat	cttagaatct	ctctgacgca	840
ctgattcaat	gagatacctg	taaggctgtt	gagtcgtggt	taatagcgaa	ttggctctgt	900
caagctatgt	ctgttgtatc	tgtatggtgc	aaacattaag	tactggtatg	ctgctgacaa	960
tctttactcc	atcttcagta	accttaggtt	ggtagttt			998

<210> 3641

<211> 3325

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (137)...(1982)

<223> similar to gi4176525 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3641

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ggggctcggc	tgaacctgct	ggctcactct	cgacccccag	tcccagagtg	ggacatcagc	180
caagatccac	caaagcacia	agactctggg	accctgaccc	tgggactcct	tctccggcct	240
gagggactga	ccagcgtcct	tgagctgggt	ccagaggcag	accagcctga	ggctgctaaa	300
ttccgccagt	tctggggatc	ccgctcggag	cttcggcggt	tccaggacgg	agccattcgg	360
gaagctgtgg	tctggggaggc	agcctctatg	tcccagaagc	gccttattcc	ccaccagggtg	420
gtcaccacc	tcttggcact	ccatgctgac	atcccagaaa	cctgtgtcca	ctatgtgggg	480
ggccccctgg	atgcacttat	ccaaggcctg	aaagagacct	ccagcacagg	tgaggaggcc	540
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gctgccttcc	agctgcgcct	ggcagagctg	ttgacacaac	agcatggtct	gcagtgcctg	900
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tatcagcggg	agccccagat	cctgaaggag	gtgcagagcc	cagaggggat	gatctcgctg	1020
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tgggcctcac	catcccagaa	gaggagtggg	agccagctca	gagaaggaa	tgaaccagg	2280
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gtctgcccct	ttcacataat	tttaacctgg	tttcttgtat	gtaaactcct	tgagggcaag	3300
aacatgtttg	aacataaaaa	aaaaa				3325

<210> 3642
 <211> 1938
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1939)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3)...(812)
 <223> similar to gi4886467 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3642

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ctggattcct	agatgaggtt	atgaagaagt	atggcagttt	ggttccactc	agtgaaaaag	120
aagtccttgg	aagattaaaa	gatgtcttta	atgaagactt	ttctaataga	aaaccattta	180
tcaataggga	aataacaaac	tatcgggcca	gacatcaaaa	atgtaacttc	cgtatcttct	240
ataataaaca	catgctggat	atggacgacc	tggcgactct	ggatggtcag	aactggctga	300
atgaccaggt	cattaatatg	tatggtgagc	tgataatgga	tgacgtccca	gacaaagtgc	360
acttcttcaa	cagctttttt	catagacagc	tggtaaccaa	aggatataat	ggagtaaaaa	420
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ccacaacaga	aaaacgacag	tgactgtgga	gtctttgtgc	tccagtactg	caagtgcctc	720
gcccttagag	cagcctttcc	agttttcaca	agaagacatg	ccccgagtgc	ggaagaggat	780
ttacaaggag	ctatgtgagt	gccggctcat	ggactgaaac	tcagcagggg	ctctgggaag	840
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tacagatatt	tcagatcagt	gggtgttggg	gccactattg	ttacctccaa	attttatttt	960
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tcatttttaa	ttttatgggt	ctgtgcgtcc	cccatattta	atatttatta	ttcaaacgca	1080
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ttcaaaactg	aaggctgact	gacttnagat	gttttgcaag	tggtctggaga	gaacagggaa	1860
ggtaatatag	acacacttag	tcccatggga	agcgcagcac	cgttgtaggt	tctttctcct	1920
gtcccattag	cgacctca					1938

<210> 3643
 <211> 3654
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2333)
 <223> similar to gi2827198 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3643

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gagccaacag	agacaatagg	agacttgtca	atttgtcttg	atgggctaca	gttagagtct	180
gaagttgtta	ccaatgggtga	aactacatgt	tcagaaagtg	cttctcagaa	tgatgatggc	240
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ggagctgggtg	aaaataggag	agtcagtggg	aataattctc	catcactctc	aaatggtggt	360
tttaaacctt	ctagacctcc	aagaccttca	cgaccaccac	caccaccccc	acgtagacca	420
gcatctgtca	atgggttcacc	atctgccact	tctgaaagtg	atgggtctag	tacaggctct	480
ctgccgccga	caaatacaaa	tacaaataca	tctgaaggag	caacatctgg	attaataatt	540
cctcttacta	tatctggagg	ctcaggccct	aggccattaa	atcctgtaac	tcaagctccc	600
ttgccacctg	gttgggagca	gagagtggac	cagcacgggc	gagtttacta	tgtagatcat	660
gttgagaaaa	gaacaacatg	ggatagacca	gaacctctac	ctcctggctg	ggaacggcgg	720
gttgacaaca	tgggacgtat	ttattatgtt	gaccatttca	caagaacaac	aacgtggcag	780
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acatcacaaa	gtaaagaatt	tgatcctctt	ggtccattgc	cacctggatg	ggagaagaga	960
acagacagca	atggcagagt	atatttctgtc	aaccacaaca	cacgaattac	acaatgggaa	1020
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ttcacagtgg	atggaattcc	atattttgtg	gaccacaata	gaagaactac	cacctatata	1140
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ataaagatta	cagtgacaag	aaaaacattg	tttcgaggat	tcctttcaac	agataatgag	1320
cttcagtccc	caagatctgc	gaagacgttt	gtgggtgatt	tttccaggag	aagaaggttt	1380
agattatgga	ggtgtagcaa	gagaatgggt	ttttcttttg	tcacatgaag	tgttgaaccc	1440
aatgtattgc	ctgtttgaat	atgcagggaa	ggataactac	tgcttgacga	taaaccgccg	1500
ttcttacatc	aatccagatc	acctgaaata	ttttcgtttt	attggcagat	ttattgccat	1560
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tctcatctgg	gttaaggaaa	acaatattga	ggaatgtgat	ttggaaatgt	acttctccgt	1740
tgacaaagaa	attctaggtg	aaattaagag	tcatgatctg	aaacctaatg	gtggcaatat	1800
tcttgtaaca	gaagaaaata	aagagggaata	catcagaatg	gtagctgagt	ggaggttgct	1860
tcgaggtgtt	gaagaacaga	cacaagcttt	ctttgaaggc	tttaatgaaa	ttcttcccca	1920
gcaatatttg	caatactttg	atgcaaagga	attagagggtc	cttttatgtg	gaatgcaaga	1980
gattgatttg	aatgactggc	aaagacatgc	catctaccgt	cattatgcaa	ggaccagcaa	2040
acaaatcatg	tggttttggc	agtttgttaa	agaaattgat	aatgagaaga	gaatgagact	2100
tctgcagttt	gttactggaa	cctgccgatt	gccagtagga	ggatttgctg	atctcatggg	2160
gagcaatgga	ccacagaaat	tctgcattga	aaaagttggg	aaagaaaatt	ggctacccag	2220
aagtcatacc	tgttttaatc	gcctggacct	gccaccatac	aagagctatg	agcaactgaa	2280
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aacttgcacc	atgaatgggc	aagaacttat	ttgcaatggt	tgctcttctc	tgctgttgct	2400
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gttctcattt	agatttatct	cccagtgtat	tctactcagc	gtttccagaa	atcaggctctg	2520
caaatgacta	gtcagaacct	tgcttaacat	gagattttaa	cacaacaatg	aaatttgcct	2580
tgtcttattc	cactagttta	ttcctttaac	aacaatattt	tatgtgtgtc	aaaagtctca	2640
cttgggagta	gtgttttttt	cttttagaca	ttctgcagac	atgcagggaa	gtcctttggt	2700
aactgcaata	tacaagattt	tcctattaag	cctcttggtg	agaggcattt	gttaaaagtg	2760
caagcttact	cctgcttctg	gggatgtgag	caaaattcgg	gcttgtgttc	tcctctcat	2820
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gaagtgaggc	aagactcttg	catctctaca	aagtagtttt	gtcaatttga	attcagggaa	2940
aagttgggtca	cagcctgcaa	atgacttcat	ttggaagtct	gattgtttca	gttgccgtgac	3000
aaatactaca	ctttacaaac	aatgttaaca	ctgtgattcc	ttcattgttt	taagaagtta	3060

09489735.01100

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acctagggcc gggcatgggtg gctcatacct gtaatcctag cactctggga ggccgaggca 3120
ggaggatccc tttagcccag gagttaaaga ccagcctggg caacataggg agaccctgtc 3180
tttttttttg ggcagcgtgg tgggggataa ataaataaaa ggaaaaaaaaa cttagcctag 3240
aattagaatt aatttaattg aattcatcta aagatgtctc tgggtgatttt tatatgttcc 3300
gctatataat tgatgcttta tagttttatc ataatccaac aacttcagtt atatttaatt 3360
attgttaagg agtttaagac tagaaaagact agagtgtctt ctagtccaaa tagagggtcag 3420
tgaaacagct tttgacatca gatttttcatt tgagagggag agctgtggta ctgggctaaaa 3480
agaaaggaag ataacatcca gtaaccacag gaatatattc tctgtgaatt aaaagtcttc 3540
aaagtatca tttctctgac atatgttgga gtagtcattt ccattcttta cattgtcatg 3600
aactggattg ataaccctca tctgcaatat tttcaccctt aaaattttta acag 3654

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<210> 3644
<211> 1345
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1230)...(422)
<223> similar to gi3114818 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3644
tttttttttt ttccaatctt cattctcggg gttggccgcg cccgatagtc actccatgtc 60
ctcgtttact ggttcatctt cgtaatctct gtcattggtca aaatctggac tgtggttggtc 120
tgtgtgcact aaggacaggg gcccttcagc ttccctctgga tcgaggggct cttctttgac 180
gtgtacagga tgcacggctt gcataggaga tctgcctgga ctgctgtcac tctcgttggt 240
gttggtatgc tccattgccc cgttcagctc ttcccgattt gcgctggcta agttgcccag 300
agtgggattt cccatggaag cggtagtgta tagaggata ctattctcag ccattgaagc 360
ctgtaaagct gcattgagag gtgtgcagta ggcgtggctg ctctgcatgt ttttaataag 420
ggaaggggta ccactgatct tttgtggcct tcgttttttg aattctactt catccactgt 480
ccatactgcc cctttaacgt tttctactcg cacaaaacac ttgtgaagac taagattatg 540
acgcactgca ttcttccacg tggccgcggt gcgtcggaag taagcaaaca ttcgtgtgaa 600
ccagttatag atctcattha gtgttagctg cttttctgga gattcgagaa tggcctgcct 660
aattaaagat gcatatgtaa atgggtggtct aacttctgcg ttcttataaa attcttggtt 720
ctgcgcaata tctgctgacg aaatgggcac gttgtatttg tctgagtacc gcctgcggt 780
gggtccccc gtgtgcatgc tgggtggttg gatgacagag gggccttggg tgacgggagt 840
caggggggag gttgggggtc ttggagtatg aggtaagctc tgtggagaag cctccgatgc 900
ggacttgag agagtgcac ttgataccag attcaagggc tgaggggagc ctttggttgc 960
tgtagacttc acatgcaggg gggcatcatc ggcttgcagc cgttctttgt cttttgcaag 1020
ctgtagctct aactgctgta caacctgcac ttgtactcta cattgggctg tacttctatc 1080
gtccagcgca tgctcactgt tgagatgttt tagaaatgat tggaaatctt cgcacactgc 1140
ttcacagcct ggccacttgc atacaccatg tccatagaga ggatggctat gggagtgtc 1200
ctcatgggac aaactttccc ttttgggagt gtggactgag agctgtccat tggtagaggc 1260
atgtgggttc attattaagg aggtcttgga aggtgcagag gaggagacac atgtcgtggt 1320
cagatccaaa ctgctgtgat tgttg 1345

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<210> 3645
 <211> 1283
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1284)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (1225)...(762)
 <223> similar to gi5107820 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

09486725-012100

<400> 3645
 gatttcagtt gcctgaaagc tgtaagtctg ctttttttaa agagaaattg gagttaagca 60
 gacttttcat tttttgatca tgaccctgga aagagaaata tatttgacat caaaactcag 120
 cacatatcct tgggtctatat atacacatga aagtttcata aaacaatata ctgatatttt 180
 ccatgctgta ttctattttca ttttttaaaa tgctgggttg atcccattaa actgggtttca 240
 aaataaatat aacatgtaca caacaacaac aaaaaaaaaac actggggttag agggccagta 300
 agctcagcga gtatcagcaa ctgagacttc atccttgtct cacaaggact aaaaagagaa 360
 taatgttctc attatgtggt tcaatgccac acccatgtat ctgagatata catgtcacia 420
 tctgggagaa gcctgtcctc aattttacttt aaatacccaa ttctgcctag aacatgaatt 480
 agacacatag taagctcttg agtgaagtgc agatgataat gacacgatca cataccactt 540
 aaaaatatct taacaccttt acttagatct catctcatalc ttgtagcatt tcttcaaatt 600
 tactttgaaa aaagagcttc actgtgtgtg gttgtcatalc acattcttct acccaaccat 660
 ggacctcttt tttcctctca ggcgcaacttc atctaatttt tttagcactg gcctggcctt 720
 tttggaggag gtggagtagc tcttcagaaa ggcttcaaac acagtttcag tgttgggatg 780
 ggtactgagg aaggccttct ccaggacata gaggtctact cccttatcct ctggaagtgc 840
 tgaaatgaaa ctcagcccaa agtctatgag cacaatgttc agctgttcca ggggggggtt 900
 caggagcatg ttggagggtg tgagatcacc atgaatgagg tcttcatcgt gcattcgagc 960
 caaaacctgc ccaattgtct tggctaagtt ggagagaccc tggggagttt ttttcagtct 1020
 ccatagtgga ctgaatataa tctcgaacag tcaactgagcc ttcaatttct tccatatata 1080
 agcagttgga agcatagtcc acaaaaaaga caactggggc agatattcca gcgcggcgac 1140
 agcggaggag cgcccggggc tctgcaccg tccgcgctct gccaaagcgc gcctccagcg 1200
 ccgggtgccg gtagccttgga gaagcgggtgc ttnnttnn ggccttgcta gccccctggc 1260
 tcattnnccc cggcccggtc tcc 1283

<210> 3646
 <211> 1584
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1585)...(603)
 <223> similar to gi206297 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3646
tttttttttt ttggatttaa aaacacttta tagtgtgttg tttttattga gcgctcacac 60
ccgaaggggt ggcggcggat gctgtgggtg agtggggccg cctgagcctg ctcggggccac 120
atccacacat ccacagagtc cacctggact cggaggaagg ccgagaggac acggacggtg 180
gccacaccca cgctgcagtg aaggcccaag tgtgatggca gagaaagagg gaaagttgga 240
gaaagagcgg tatctgacaa taacttttct cttggatgtt aatttttttg tctataaatt 300
ggaaaggaag gctcggactg aaataaatac atttattctg agtaatgacc ttttgggagc 360
agtgtccgtc aactctgctt cgagagcgtc tccacgtgag gcagcagcgc ctgtctcgcg 420
cctcgccgag gcggaaccac accgggcctc cagcggaggc ggctttctcc tgtgtctgtg 480
aagggaagta gcaggtgtgt cactgttctt aatggagcgg acaatgatgc cttttctctg 540
acagaaaaat gtccggctta actatgcaag acaagacttg gtcgtcacgt tcgctctctt 600
agttgatatt gtccctggaat atgtacaagt tattggtggc agccacggca atgacattgt 660
ccacggggtg ccaggctgtg tgcaggatct tcttggtgaa gtccagactg tccacactga 720
tctcgtcttt cctccgctta cccccgtac acaccttccg gggtttgagg ctggcgcgcg 780
gtttgctgct ctctctcgag gcctccaggg tcacatccct ccgctgtctt ctatcaaaca 840
tcctgaagaa gttgttatag gacccggtca tgatggcgct atccgaaccg ttcagcaac 900
actcaaaact gtcaaagatg cagtcgttct catagagaga gcagagcttg ctgcgaggt 960
actcgtggac ctggtgggtc tccaccggcc tgctctccat gttgaggtec cacaccttca 1020
ccgacaggta gtctctgggt atcatgtacc gccactatg actgaatttt acatcggata 1080
tgatgaaat tatttctgag aagaaggacc tactgctggg atcttcaggc tcttcaaaaa 1140
acttgagtg tctgtcgcac agggccgagg agcgcatgtc acacaggcgg atggtccctt 1200
tgctactgct gtagacgaac acgttgcact ggtgcgggtg gaactcggct gcagtgatga 1260
cttcggtcag ctctcccatg ttagcaggct tgatgtccac gatgttaaag cttctatctg 1320
tgatttctaa gtgccataaa ttaatttctc ggtcatccgt agcgccgtga tcctaaatgg 1380
gtctcgaagt ctccatctt cgtctttcag gttataacct tctgctcttt tatcccgttc 1440
acttattttc cataatttta tagttttatc attttagac agtagaaaat gagcagcatt 1500
ctgttggtgt aaccaccta ttttattaat ttttccctca atttctagac ttttcaaata 1560
gtcgatctcc ggttcatgac tgtg 1584

<210> 3647
<211> 2149
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1046)...(1711)
<223> similar to gi3873795 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3647
acgagcctgc gttttccggc cagaggacat gatgcagggg gaggcacacc ctagtgttct 60
ccttattgac agaaccatca agatgagaaa agaaacagag gctaggaaag tggctcttagc 120
ctggggactc ctaaattgat ctatggctgg aatgatatat actgaaatga ctggaaaatt 180
gattagtcca tactacaatg tgacatactg gccctctggt tatattgagc ttgcccttgc 240

atctctcttc	agccttaatg	ccttatttga	tttttggaga	tattttcaa	atactgtggc	300
accaacaagt	ctggttgtta	gtcctggaca	gcaaacactt	ttaggggttg	aaacagctgt	360
tgtacagact	acgcctccac	atgatctggc	agcaacccaa	atccctccc	ctccaccttc	420
cccttcaatt	cagggtcaga	gtgtgttgag	ttatagccct	tctcgttcgc	ccagtaccag	480
tcccaagttc	accaccagct	gtatgactgg	ttacagccct	cagctgcaag	gtctgtcctc	540
aggtggcagt	ggttcttata	gccctggagt	gacctaactc	cccgtcagtg	gttataataa	600
gttggcgagc	tttagcccct	ctcctccttc	tccgtaccct	accactgttg	gaccagtggg	660
gagcagtggg	ttgagatctc	gctaccgttc	ttcacctacc	gtctacaact	cacctactga	720
caaagaagac	tacatgaccg	acctacgaac	tttggatact	tttctcagaa	gtgaagagga	780
gaaacagcat	aggggttaagc	tggggagccc	agattctacc	tctccttcca	gcagtcctac	840
tttctggaac	tatagtcgtt	ctatggggga	ttatgcacaa	actttaaaga	agtttcagta	900
tcagcttgcc	tgtaggtctc	aggcccatg	tgctaacaaa	gatgaagccg	atctcagctc	960
taaacaagcc	gcagaagagg	tctgggcaag	agtggctatg	aatagacaac	ttcttgatca	1020
tatggattca	tggacagcta	aatttagaaa	ttggatcaat	gagacaatat	tagtgccact	1080
tgttcaagag	attgagtctg	tcagcacaca	gatgagacga	atgggttggtc	cagagctaca	1140
gataggagag	gctagtatta	ctagcttgaa	acaagctgcc	ctgggttaaag	cgctctcat	1200
tccgactttg	aacacaatcg	ttcagtatct	agaccttact	ccaaatcagg	aatacttggt	1260
tgaaaggatc	aaagaactat	ctcaggagg	ttgtatgagc	tcatttcgat	ggaacagagg	1320
tggcgacttc	aaaggacgaa	agtgggatac	agacctgccc	accgattctg	ctatcatcat	1380
gcatgtattt	tgcacctacc	ttgattccag	attacctcca	catccgaagt	atcccgacgg	1440
aaaaactttt	acttctcagc	actttgttca	gacaccaa	aaaccagatg	ttacaaatga	1500
gaatgttttt	tgcatttatc	agagtgcctat	caacctccc	cattatgagc	tcactctacca	1560
gcgtcatgta	tacatacctg	ccaaagggca	gaaataatat	gtttcataca	ttgttgatgt	1620
ttctctacat	cataaagacc	aaagagtcag	gaatgcttgg	gagagttaat	cttgggtctat	1680
ctgggtgtgaa	tatattgtgg	atctttggcg	agtagcaagt	catataattta	attctgacat	1740
ttagactatt	tactgaacc	agaagtgcga	actaaacatc	tctgagccac	tgactcttct	1800
gaaataaaat	acacatgggt	gtatgttaca	gactcttttag	atttaacaga	aaatgtagct	1860
gttatgaaat	gtaattgtaa	aaatatgtcc	cgtatcttct	atatcgagac	attgccttta	1920
atthttatc	gcttttcaga	aatttcagtt	gactacaaa	ctgcaacctt	tcggattttt	1980
attgactcaa	aatagtgcga	ttccccttaa	tgaaatagat	tttgagtctt	tttttcattg	2040
taacccccaa	atgagaatca	tctactgat	tcttgtacca	aaaaaaaatt	tttttcagtc	2100
tttttttttt	ttaaagaggg	tttttgccaa	cccaaactgg	agggcaggg		2149

<210> 3648

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (834)...(92)

<223> similar to gi2232013 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3648

tttttttttt	ttcaggtgaa	attaaactga	tttaatcagc	acacattata	tacatgtatc	60
aaatttcaca	ctccataaat	atgtataact	tatatgtcat	ttaaaaataa	tgataaaatt	120
atatccagat	tcaagcgctt	cttgtagcgc	ttcccacagt	cctcacattt	ggatgggttt	180
tctccactgt	ggtactcttt	gttgggtctt	acagtatgac	cgggcataca	agcctctttc	240
cacagtcttc	acatttcaat	ggctttcttt	ggcagtggag	tttcttatga	ttcaaaatac	300


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tagaagcatg tctaaagctc ttcccgcagt tatcacagtt ataagatctc tctcccggtg 360
gggtttctatg gtggaagtca agacctgact tactaatgta gcccttccca cactcctcac 420
atgtgtatgg cttttctcca gtgtggactc gttgatggac caaaagatat gaggaccatt 480
tgaagctctt cccacattct ttacaattat atggtttctg tcccatatga atcatctgat 540
gcttatgcaa atctagccta tcaatgaaac ctcttcata cttttcagat ttgtacagtt 600
tctctgctgt gtggaccatg caatgcctat taagacttga cctaagacag aagctcttac 660
cacatatttc acatttgaat ggcttctccc cagtatgaat tctgtgatgt ttctgaagct 720
ggaaattgtg catgaaagcc ttcccacatt tctcacaatt ataaggtttc tctcctgtgt 780
gtaatttgca gtgaacttga agtatcgctc tacatctgaa gcctttccca c 831

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<210> 3649
<211> 770
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (773)...(600)
<223> similar to gil232163 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3649
aacgaatctg gctctgcctg aatcatcgat gacagggcaa aggcaactgg agcagatggg 60
agctctggca aacacgggag gaggggtcttg gaagagcccc cgtccccagc ggctagatgc 120
ttacacatgg acgatctact ctcttgactg tggcctcatc aggctggtgc ctaccatctg 180
tggttgtaaa ggtcccaaag agggcctacg gaaaggacag gtgggctgga aggaatgtgg 240
agaatgaccc ccaggacagg ggaggaggag actggcccca tcaatccagt tcacagccgg 300
gaaaagtgca ggaagacaga caaacgaccc caatgtgggc gaaggacaca cctccaagga 360
ctggagccgc agagtccacg tgacaaggag acccaggata gaaacactgt gcggaggaca 420
cggtgtcaac ctcggaaggg gcctcctatg ctttccacac caaattcccc cacgggagaa 480
accctgccac aaggcccagg aaaccacaga cccaagcca actgtgccta gcacagacac 540
caaggaatga cagcgatgcc agtgacgcca ggaggacttg gccctagacc ccatcatcgg 600
ctgtatgatg attggtgtgt ctgcggcctc cctctcgtca gactgcagcc ttgggggaca 660
cgtagaactc tgtctcctcg ccctcagggg ccttgagctt acacttcccg cagcacagca 720
gcggttgaag cagcaccaca gacagcagca gcagtagcag caggtgagga 770

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<210> 3650
<211> 2069
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (24)...(1701)
<223> similar to gi2224713 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3650
ggcacgaggc ccagtgggat gggcctagtc cagactgcca caagtccac ccattctacc 60
acaagcccca cccatcccac cacaagcccc atccttataa atgtaagccc ttccacttct 120
ctagaacttg ctaccctctc cagccctccc aaacactcag accccaccct cccaggcact 180
gactcccttc cctgtagtcc cccagtctcc aattcctaca ctcaggcaga ccctatggcc 240
cccagaactc cccacccaag tccctgccc atccagtagga aaccctcac aagccctgcc 300
ccagatccct cagagtctac ggttcagagt ctaagcccca ctccctcacc cccaacccct 360
gcaccccagc attcagacct ttgctgggcc atggctgtcc agaccccagt cccaacggca 420
gccggagggg ctggggacag gagcctggag gaggcactgg gggccctaat ggctgccttg 480
gatgactacc gtggccagtt tcctgagctg cagggcctgg agcaggagggt gaccgccta 540
gaaagtctgc tcatgcagag acaaggctctg actcgcagcc gggcctccag tctcagcatc 600
actgtggagc atgccttggg gagcttcagc ttctcaatg aagacgaaga tgaagacaat 660
gatgttcctg gggacaggcc tccaagcagc ccggaggctg gggctgagga cagcatagac 720
tcacccagtg cccgccccct cagcacgggg tgtccagctc tggatgctgc cttgggtccgg 780
cacctgtacc actgcagtgc cctcctgctg aaactgggca catttgggcc cctgcgctgc 840
caggaggcat gggccctgga gcggctgctg cgggaagccc gactactgga ggcagtatgc 900
gagttcagca ggcggtggga gatcccgccc agctctgccc aggaagtggg gcagttctcg 960
gcctctcggc ctggtctcct gaccttcttg gaccagtgc cagagagact cagctgcttc 1020
ctctgcccgg tggagcgggt gcttctcacc ttctgcaacc agtatggtgc ccgcctctcc 1080
ctgcgccagc caggtctggc tgaggctgtg tgtgtgaagt tcctggagga tgccctgggg 1140
cagaagctgc ccagaaggcc ccagccaggg cctggagagc agctcacagt cttccagttc 1200
tggagttttg tggaaacctt ggacagcccc accatggagg cctacgtgac tgagaccgct 1260
gaggaggtgc tactggtgcg gaatctgaac tcggatgatc aggtgtttgt gctgaaggcc 1320
ctgagattgg cgcgcgaggg gcgtctgcga agggacgggc tgcgggccct cagctccctg 1380
ctgtccatg gcaacaacaa ggtcatggct gctgtcagca cccagctccg gagcctgtca 1440
ctgggcccta ccttcggga gagggccctc ctgtgcttcc tggaccagct ggaggatgag 1500
gacgtgcaga ctcgagtggc tggctgectg gccctaggct gcatcaaggc tcccgagggc 1560
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ctggacgccc tgcctcgcat ctttgggcct ggcagcatgg ccagcacagc attctaaact 1740
attcaccat gggttccttg tgcccctttt ccccaacttt cagggtcac caggcactgg 1800
caggagggtt aagggttggc tccagatacc cctccccac agattcctag caatgaaaat 1860
ctaatatatt cttctgttgc ccctgggggt ggagagtcag tgctgcagt caagtgcctc 1920
ccagcctcgg ctacgacat cccttgccac aaatcagtgt ctggggcttg gccaccctgc 1980
cgctgcccag ccacatccct tggttttgta ttttatttac agagttttac agaaaataaa 2040
aaagcaaaat gtctttccta aaaaaaaaaa 2069

```

```

<210> 3651
<211> 1678
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (199)...(998)
<223> similar to gi3874973 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3651
gcggtggaat tcatagacct cttacctgaa ggaaagagac aggcagcaat tgataaaatg      60
accaagaaaa tgcagaagac cctagagaac accaagttcc gaggtgcacc gattataccc      120
gtggcggcca agccgggggg accagaggcc cccgaaactg aagctccaca gggcattcca      180
gagctcattg aggtggtgaa gaaggtgaag tccatgcaga tgttccacat gcccactact      240
tcagccatgc aaggagaccg gctgggcatc tgcgtcacc agtttgaccc taagctgctg      300
gagcgcgggt tgggtgtgtc ccccgagtcc ctgcacactg tccatgcggc cctcatctct      360
gtggaaaaga taccgtatit cccgggggcc ctgcaaacca aggccaaagt ccacattaca      420
gtggggccatg aaacagtcac gggccggttg atgttcttca gtcctgctcc agataacttt      480
gaccaggagc ctatactgga ctctttcaac ttctctcaag aatacctttt ccaggagcag      540
tacctgtcca aggatttgac accagcagtg acagacaatg atgaggccga caagaaggcc      600
ggccaggcca cagagggcca ttgtcctcgg cagcagtggg ccttggtgga gtttgagaag      660
cccgtcacct gccctcggct gtgcctgggtg attgggtcca ggctagatgc ggacattcac      720
accaacacgt gccggctagc cttccatggc atcctgctcc acgggctaga ggacaggaac      780
tacgccgaca gcttctctgcc caggctgaag gtgtacaagc tgaagcaca gcatggcctt      840
gtggagcggg cgatggatga ctacagtgtg atcggccgct ccctgttcaa aaaggaaacc      900
aacatccagc tcttcgtggg gctcaagggt cacttgtcca ctggggaact gggcatcatc      960
gacagtgcct tcggccagag cggcaagttc aagatccaca tcccagggtg cctcagcccc     1020
gagtccaaga agatcctgac acccgccctc aagaagcggg cccgggctgg ccgtggggag     1080
gccaccaggc agggaggagag cgccgagcgg agcagagccct cacagcatgt ggtgctcagc     1140
ctgactttca agcgttatgt cttcgacacc cacaagcgca tggttcagtc tccctgagtg     1200
tccggtgacc tccccaggg cctccttgcc cagcccagtc caggctgctg tgccaaatcc     1260
caaccagcca cgcctcagcc tctcccagtc tctccctgca gtccctgcagc agcagcccc     1320
acccccaagc ttggtgctga gccctggtga ggagctgagg gggatgggtt gctggggcca     1380
ggaggggtct tctccagcc cctgcacact cccaccagag acagccccc gcccactag     1440
gaaagggcca tgggcagagg gctggtagcc agtatcttcc actgccccat ctgttgacca     1500
cctgcaggcc agtctcaacc ctccccaggg tgggcaggca cttgatggct acaaataaat     1560
gtcccgtggc cccagccac tctactgggt tctctctctc tgtgacttca ctaggtccgc     1620
cgccctcccc agctgtgttc caaggggaat ctcagaaatc ccaagagttc ctgcccag     1678

```

```

<210> 3652
<211> 914
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(915)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2)...(278)
<223> similar to gi2411475 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3652
cttcttttta atagtgaag cccgcaggaa gcaagcagct gggagaccag agaaaatgga      60

```

tgatgaagac	cccattatgg	gtaccatcac	ctcgggaagaa	gccctggcca	gacagccccg	120
gagatcaagc	atctcctcct	ggggatgccc	ctcccttgga	agaacaaaag	gagctccatt	180
atgcctccct	tagtttttct	gagatgaagt	cgagggagcc	taaggaccag	gaggcccaa	240
gcaccacgga	gtactcggag	atcaagacaa	gcaagtgagg	atttgcccag	agttcagtcc	300
tggctggagg	agccacagcc	tgtctggggg	aaaggacaag	tcagggacca	cttgctgaag	360
cacgaagagc	ccttgtggca	atgttaacat	taactgatgt	ttaagtgtct	caagcagagc	420
agaaagaaaa	cagatgatgg	aattagagag	gtgggctcaa	atctaggccc	tggcactgtc	480
atcaagcaat	tactgcatc	cctctgtgcc	tcagtttccc	attctgtaaa	tcagagatca	540
tgcatgctac	ctcaaagggt	gttgtgaaca	ttaaagaaat	caacacatgg	aatcaacca	600
acatgggtcc	tggaacaggg	cgttgtgctc	agtgttttct	ggtctctctt	ccttgaatag	660
aaaggtcctg	ctggcaagtt	ctctcaaggc	tggggatgac	caggcacaaa	aaacagggca	720
gcaatatggt	ggtgtcactc	cccttcccaa	aactcttcga	agactcccta	ggaaagacca	780
gccccctcagc	ctggcacttg	gttcatgatg	tgggatctta	tatccttgcc	agagtcatat	840
ctttgcccac	ttttacctgc	aatccttgca	tcatattcct	tgggttccag	tcnttcattt	900
atgagaccct	aggg					914

```

<210> 3653
<211> 1895
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (25)...(1543)
<223> similar to gi563129 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3653						
actgtagacc	attagtccag	tgcggtggaa	ttcatcaacc	gaaacaacag	tgtggtacag	60
gtcctgcttg	ctgctggggc	tgatccaaac	cttgagatg	atttcagcag	tgtttacaag	120
actgccaagg	aacagggaat	ccattctttg	gaagtccctga	tcacccgaga	ggatgacttc	180
aacaacaggc	tgaacaaccg	cgccagtttc	aagggctgca	cggccttgca	ctatgctggt	240
cttgctgatg	actaccgcac	tgtcaaggag	ctgcttgatg	gaggagccaa	ccccctgcag	300
aggaatgaaa	tgggacacac	acccttggat	tatgcccag	aaggggaagt	gatgaagctt	360
ctgaggactt	ctgaagccaa	gtaccaagag	aagcagcgga	agcgtgaggc	tgaggagcgg	420
cgcgccttcc	ccctggagca	gcgactaaag	gagcacatca	ttggccagga	gagcgccatc	480
gccacagtgg	gtgctgcat	ccggaggaag	gagaatggct	ggtacgatga	agaacaccct	540
ctggctcttcc	tcttcttggg	atcatctgga	ataggaaaaa	cagagctggc	caagcagaca	600
gccaaatata	tgcacaaaga	tgctaaaaag	ggcttcatca	ggctggacat	gtccgagttc	660
caggagcgac	acgaggtggc	caagtttatt	gggtctccac	caggctacgt	tggccatgag	720
gaggggtggc	agctgaccaa	gaagttgaag	cagtgcacca	atgctgtggt	gctctttgat	780
gaagtagaca	aggcccatcc	agatgtgctc	accatcatgc	tgcagctggt	tgatgagggc	840
cggctgacag	atggaaaagg	gaagaccatt	gattgcaagg	acgccatctt	catcatgacc	900
tccaatgtgg	ccagcgacga	gatcgcacag	cacgcgctgc	agctgaggca	ggaagctttg	960
gagatgagcc	gtaaccgtat	tgccgaaaac	ctgggggatg	tccagataag	tgacaagatc	1020
accatctcaa	agaacttcaa	ggagaatgtg	attcgcccta	tcttgaaagc	tcacttccgg	1080
agggatgagt	ttctgggacg	gatcaatgag	atcgctact	tcttccccctt	ctgccactcg	1140
gagctcatcc	aactcgtcaa	caaggaacta	aacttctggg	ccaagagagc	caagcaaagg	1200
cacaacatca	cgctgctctg	ggaccgcgag	gtggcagatg	tgctggctga	cggctacaat	1260
gtgcactatg	gcgcccgcctc	catcaaacat	gaggtagaac	gccgtgtggg	gaaccagctg	1320

```
gcagcagcct atgagcagga cctgctgccc agggggctgt actttgcgca tcacggtgga 1380
ggactcagac aagcagctac tcaaaagccc agaactgccc tcaccccagg ctgagaagcg 1440
cctccccaag ctgcgtcttg agatcatcga caaggacagc aagactcgca gactggacat 1500
ccggggacca ctgcaccctg agaaggtgtg caacaccatc tagcagccac ctgcctgctc 1560
ctatgtgccc tcaccatcca ataaaggccc cttggctgtg gcatggcaaa aaaaaaaaaa 1620
agggggggcc gtttaaaaga acccttgggg ggcccaaatt taacccgggc gggcaaggaa 1680
aaatTTTTTT ctttatgggg ggccgaataa aaaccaacct gggaattttg ggaaagaacc 1740
cttatttttg gggggggaca aattgggcca acctccctac aaaaattaaa ggctttaggg 1800
aaaaaaaaaa tttttaaggg gaaaaggggg aaaaacaacc ggcataccct ggcggttgga 1860
aagttttgtt tacggagtat gatttagaaa aatttt 1895
```

<210> 3654
<211> 983
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (37)...(272)
<223> similar to gil710216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 3654
ggggtcctct cgctctgtcg cccaggcggg actgcggact gcagtggcgc aatctcggct 60
caactcaggc tctgcttcct gggttcacgc cattctcctg cctcagcctc ccgggtagct 120
ggggctacag gcgctcgcca ccgcgcccgg ctaatttttt ttgtattttt ggtagagacg 180
gggtttcgcc ttgttgccg ggatggtctc gatctcctga cctcatgac cgccgcctc 240
ggcctcccaa agtgctggga ttacaggcgt gagccactgc gcccggccag aatatagcta 300
agttttaagc aagtgttcac taggcataag aatatacatc ctggagagaa atcacagaag 360
tgtagtatat gtggcaagaa tactacttaa aggtcaaaac ttgtggatct ataactcaaa 420
gtgcagatat gctttacaaa tgaaatgagg gtggcagaag cttcaccaga gttcagtcac 480
tacttgagag tttatattgg aaagaaatcg tataaatgta tgtgctagag gcttccccga 540
ggtgtctgaa ctcaactagac ctcaaaatat acatctttga caaatgtaat gtgtgtgcta 600
agacttttta ccgaacatc caaatggaaa catcagagta ttcatactgg agaacagtct 660
tacaaatgta acgaatgtgg taagcctttt taaaaatcaa atgggctggg tatgggtggct 720
cacacctgta atcccagcac tttgggaggc cgaggtgggt ggatcatctg atgtcaggag 780
tttgagaccg gcctggccag catggtgaaa ccccatctct actaaaaaat acaaaaatta 840
gctgggcagt ggtgggcacc tgtaatcccg ctacttggga ggctgaggca gaagaatcac 900
ttgaatccag gatgtggagg ttgctgtaag ccgagattgc gccattgtac tccagcctgg 960
gtgacaagag tgagactctg tct 983
```

<210> 3655
<211> 3848
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3849)...(0)
 <223> similar to gil665803 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3655

tttttttttt	ttattctctc	ataaaaaatca	tttattggac	acatcagaaa	tgacaatttt	60
ttctagtata	gtagttgtat	gcatctgttaa	ttgcaattca	gtgtaaaacta	catgtttacaa	120
gtcactagaa	atctaattag	caggatgaat	ttaataaaga	acaagaggaa	ctatcgagtc	180
taccacggac	ccagccattg	agtctcattg	ggaggagtta	aatcaaatat	caaactaggt	240
gttgccctgc	aacagggtttt	tctgtaggcc	aaggaaaaac	caaggacaca	cattaaacag	300
ggattaggca	cccattccat	aaattagggg	tacacttaac	tagaaaaaga	ttgtaactga	360
tagaaataat	ctaaataaag	taagcacaaa	agtaaataat	tagctatttta	catatattcc	420
tttttgccaa	aactttaatt	tgtttagcttt	cccatcctat	ctcttccctt	ctatttggtta	480
ttcttggttt	ttcatggtga	atttcttggc	tactgaaaa	atatttagac	aactaattag	540
aacttctttc	cgggtcctac	ctttcctaaa	actttatgac	aaactaatga	atttcaaggg	600
taacctatgt	aagtctatct	ctatatagaa	gtaagatgca	ttattattct	gctatcagtc	660
atagtaatga	catacagtc	catgtttttc	caaacattgt	ttggactact	ccagaaaatt	720
aggctgtgaa	tggcagcaga	gtggatggat	ttttcattca	taacaggcac	agatagtata	780
tatggagaca	agcatgttta	tcctgagaat	gtgaatgctg	tggactgcaa	ctcaagatct	840
cccattactg	agaatgggtc	ctttgccctc	tggtcactct	tttttttttc	aactgtcaat	900
ttttaaggcg	tggtatcata	gcagcatcag	caaataagaa	tgctgacatc	atttctacca	960
agaagggctc	tgtgatgagt	ggcagcaggt	accataatta	aatagtgcag	ctgaaaaggc	1020
attgagttgg	tacatttctg	gtgctatggc	cagaatgtgt	ggatttttag	catcattcta	1080
ggaagcctga	aagatcttgc	ccatgagtct	ctttgacctt	tgccccatttc	ctttctagta	1140
catatgacca	tttataatta	ttttattttt	gctttttctc	ctactggaat	ataagctccg	1200
aagggcagag	accatgcctg	tctgttcacc	actgtgtccc	cacagtgtcc	tagaacataa	1260
tgttctagt	tcttgaacag	tgccctggta	atagtaggtt	ctcaattaaa	agcttttatt	1320
aaataaacga	accaaatacat	taagtcacct	ggtttgccctg	tgtcttagag	actttccaat	1380
tttatacagt	ggccagggtt	ctggcctatc	ctaattatag	agccatccta	acgatcctac	1440
cctgatgtga	acctgtgtag	cggatatttt	tgtgcttcaa	tgagtagtaa	aacttctcag	1500
tgatagattc	attctcccaa	agcttagctc	tgccagagct	aacgctacag	gagaggtaag	1560
agggtaagaa	cattctagca	ggtaagctgt	atgctacaaa	ttcagctcat	tcttccctac	1620
ctccccctac	aacctcattg	tttgacagaa	agcttaagaa	aaaaagttag	caggagaatt	1680
ttctcctggc	ggtgccagtc	cagtaagtca	ccaataacct	gatcagaaaa	gaaagaaaat	1740
ataactcacc	tacataaaaa	attaagttaa	ataaaagcaa	aatctgggag	tgggaaccaa	1800
gtgacttggt	gggctgtcta	ggtcctttgt	tggttagaat	tggttgacat	ggaagcggaa	1860
gcaggcatga	cagcggagga	gaggttgaaa	gggaaaagg	cagagctgtg	ggtgtaaaga	1920
ctgcagagga	ccagcttttc	tctcctcctt	ctcccactcc	tgccaactct	gcacccccacc	1980
acggctggct	gagctccttg	ctgtggctct	cgcaggcgga	ggtaagaaca	ggcagctggc	2040
gcctccacgg	cacatcctta	ggctattaat	gctctgctgg	agtagaagtc	ggggactggg	2100
agcccggtgt	gcagcgtgac	ctgcacgttc	ctgttcaggc	tgaccgcagg	gaagaagagg	2160
ccctccacgt	tatcaaatgc	tatgggacct	tgttgttcat	cgttgataaa	aaatgtcaag	2220
ttttttctat	ttaagtcgag	gaggacccca	attgtggccc	cttttgat	ccctccctca	2280
gttctgttgg	tgtgcgagtt	gttgtgcatg	aaccagctcc	ggttattgtc	cacatacatt	2340
gccaagctt	tgtcgtcttt	tcctaacatc	acatccttca	tcacgtccat	gcgagccaca	2400
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cccttgagga	agccagtctt	ccctagcgcc	acccggtcat	catagctact	acaggtcact	2520
gtcaggttgt	cattggagag	gatgatgtcc	gagtgcgccg	agccagggtc	gaaagcaaac	2580
caggccacct	cagacgtttg	gaggaccagg	gtcttgctgt	acgggctgac	tcctgttttg	2640
ttgaaggcct	tgacccgagc	gttgatgtg	ctgttgaagt	gaagaccatc	cacagtgcac	2700
attgtctcct	tccccacata	cacctcccgg	aattgaccac	cgttgccatc	atccagctcc	2760
agaatgtatc	catcggcggg	caccgtggac	agaggtggct	gtttccagga	caacgtagcg	2820

ctgttgttgt	gggtacaaca	ttcctccagc	tgtaggatag	gggttgctgg	gactggagag	2880
gaagctttca	cttgcacgaa	atccagctgg	tggatggatt	gcagcagagg	gctgttgtcc	2940
agactcaagt	caaagtccgt	ggtcacacct	ggagtgaagt	tgcctttacc	ccactgatcc	3000
tcagtcaggt	gcactcttct	tatgagggcg	tcagaaatct	gcaaaaaacc	actaggatca	3060
ttttccttaa	tcacctccaa	gcagtactcc	atgagacctg	tggctctggcg	caatttcact	3120
gtgcagtga	agatctgatc	tcgaaccacc	ttcagcttgt	gctcatgctc	cttgttgacg	3180
cgggccagca	gctgggcttt	tcttctgttg	agggcatcga	tgagggcatc	acattgggcc	3240
accagacagg	cttcaaactc	cacactgttc	tcttgatctc	gctggaccat	gttgccgacg	3300
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ttgccctcct	ccaagcactg	gtagcacacg	ggcatcttgc	attgcacgca	gtacatgctg	3480
tggttctcca	gctcgtggtc	tgtgcagggt	gagaccttgc	gtgggctcag	cctccggctc	3540
acacgaccct	ggggccgggg	caccaggcgg	tgcttggtta	ggggcccccg	gggagggtgg	3600
cagcgcaggc	ggcagcgatc	gcagtagaag	acatcgactc	gttcgcacat	gacggtggct	3660
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cggtaatta	ccccttccag	tacgcgattc	ttggggaaag	cgcggagccc	ccggtcatcc	3780
aggatgaggc	tgcggtgaca	ctggggggcag	gtgatacagg	agttgcgggg	caccggggcc	3840
agggccgg						3848

<210> 3656
 <211> 6995
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(3900)
 <223> similar to gi3327058 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3656	
aacagacctt	cctctgctag
gttggaatgg	gaaccacccg
gcaaaagaag	gagctgggtg
cctgtagtac	agatttattc
atattatctg	atgacaagca
tctttacttt	tggtctgggtg
gatggagcct	ttaaactctc
tatcacgttg	gggcatctgt
cattatgcca	actatcttta
gtgttgtagc	tggttaggtta
taacaagcaa	ctgtacctct
atgtgctttt	acaagaatgg
aaacaataaa	gaagggaata
gttactgggg	tttccacagt
agtctctcta	ccagaaagcc
tgctctcagtc	agaccgctca
ccaaaagaag	tcctactgga
tgtcaacgac	tgggtccctc
gtgccaaatc	caaagtctcc
ttctacatca	tccaaggctc
tcattccaccc	ttggatccaa
ttaaagcatt	tgatgatgta
ccataaacia	aattagggaa
atgctctaaa	aaagattaga
ttcaacattt	gcgtcttttg
aggtagtgcg	ggaggcttgg
tttgacctatg	gagctgaagc
caaaattatg	gccacatctg
ccctagggttg	atacctgtca
gcgtgttttt	gaatttttag
acacacacat	cactagaacg
acacatatca	gtattagctg
aagaatagaa	gccagaaaat
gcacttgtag	cacaccttgg
ctcagacagc	atagtgtctc
tctaaatcgt	ccgctgtctg
tacagttagt	accaaactctg
tgatgtgaac	gcagcagcca
tttcagctct	gcagcagctt

tgctccagc	gtcatagca	tccttagatg	gtactaccac	taaagcggag	ggtcggatcc	1200
gcacaagacg	gcaaagctct	gggagtgcc	ccaacgtcgc	ctctacacct	gataatcggg	1260
gccgcagtcg	cgctaaagt	gtttcacagt	cccagcgatc	cagatctgct	aatcctgctg	1320
gtgctggcag	ccggtcaagt	tcccagggaa	aattgttggg	aagtggttat	ggtggactta	1380
ctgggggctc	ctcacgaggc	ccacctgtga	caccgtcttc	agaaaagcga	agcaagattc	1440
ccaggagcca	gggatgtagc	cgggaaaaca	gtccaaaccg	aataggatta	gcacggagca	1500
gccgtatccc	tgcacccagc	atgagtcagg	ggtgcagccg	cgataccagc	cgtgagagca	1560
gccgagatac	aagccctgct	cggggctttc	ctccacttga	tcggtttggg	cttgccagc	1620
caggaagaat	acctggttct	gtgaatgcc	tgagagttct	gagcacaagt	acagatcttg	1680
aagctgctgt	tgctgatgct	ttgaagaagc	ctgtgaggag	gagatatgag	ccgtatggga	1740
tgtattctga	cgatgatgcc	aacagtgatg	cctcaagtgt	ttgctctgag	cgctcatatg	1800
gctccaggaa	tggtggcatt	ccccattatc	tgcggcagac	tgaggatgta	gcagaagttc	1860
tcaaccactg	tgctagttca	aactggtcag	aaaggaaaga	agggcttctg	ggcctgcaga	1920
acttactgaa	gagccaaaga	acactgagtc	gagttgaact	gaaaagggtg	tgtgagatct	1980
tcactcggat	gtttgctgac	cctcatagca	agagagtttt	cagtatgttt	ttggagactc	2040
ttgtggattt	tataataatt	cataaggatg	atttacaaga	ctggcttttt	gttcttctca	2100
cacaattttac	ttaagaaaaa	tggggaggca	gatttacttg	gatctgtgca	agcaaaagtt	2160
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gtgggttttt	ttgttttttg	ggtttttttg	gggggggggc	tttttcatgt	tacatccata	6840
tctgtattta	tatcttattt	gtttcacttt	caagggtatc	atggcaaatg	tacagatttt	6900
tttgttaata	atgtgctagg	atttgctaaa	aaagaaaaaa	aaaaaacctt	tttgagtttg	6960
ccctaaaata	aatgagactt	aattcaaaaa	aaaaa			6995

<210> 3657

<211> 1155

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1071)...(481)

<223> similar to gil665823 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3657

ttttgctcta	tgaagaaatt	cactttaaca	cttataactg	taagactttg	catacattac	60
aacagtgcac	tagtgataca	agttgtaaaa	tacgtttcca	ttcctttgga	ttttgcatat	120
gatggttttg	catcagtcac	tgcaggtaga	ttgagcaagc	tttttgtgtt	tgttttttta	180
aacatgcatt	caactagata	tgattcagaa	tagattaata	ctcccttttt	atcattacag	240
ttagctaaaa	aattgccagg	gcagtccaca	aaacagaatt	tgctttaaga	ccaacccaca	300
gagtcagctg	gagactaacg	gcgctggggc	ctgctgggcc	gggatatagt	cgtgttttagc	360
taagtgtcga	gagcattaag	aagaaagtcc	tggttgagg	cgcaaggcct	gcagcaccag	420
ctgtggaatc	ccaataatg	tgactgcaca	gctccgtcct	caaacatttg	caggtgatca	480
ccactgaggg	ggcacatagc	tgtaagtggg	cgttccctgg	ggcccgggtac	gtgggcacag	540
tgaccgggtg	gggggcgaca	ggagttgggg	agtgagcagt	cagcagggta	cctgctgaca	600
tgggcatggt	ggtcccagcc	accatgcccc	tggtgacccc	gttgccctcta	ggagggggga	660
tggggagcagg	gtacaccgtt	gcaggcatgc	cgttgggctg	caccaccgtg	gtgtgggtgga	720
tgacgtgagg	aggtgctgca	tacagcggct	gtgtgtagta	cgtgccttgc	tgtgcatacg	780
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aggaggagta	cgggtggcaca	gccccgctgg	tgggggaaca	ggacactttg	taaggtgtgc	900
caggagtgtg	acctgttttg	aaggtaggat	tcgctccagg	atacatgtta	ggagaatagg	960
caggagctgc	tgctgcatag	cccatgggaa	aaccagctgg	ataaccaatt	cctttggcat	1020
ttgcataggg	aaccccagaa	gatccaggac	tataaacagg	attcatgatt	tcaaaaacct	1080
ccgagccccg	cgtctccgcc	gcctcccggg	cgacgaactc	ccgctcgctc	ggctccgctt	1140
ggcccggcca	cgaaa					1155

<210> 3658

<211> 1841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1843)...(513)

<223> similar to gi3415109 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3658

gagaaccaga	atgcttatat	tttattagta	tccaagactg	gggagagggg	tgggggtggga	60
gagatcaaga	attgggggagc	agatggggag	cgctacctca	ctcaggagac	acgagttcct	120
atccaagttc	aaggtgaaag	aagtgagggc	aggaagagaa	atctccctgc	tagcaacagc	180
gactcagggg	gaaactctgg	gcccatagct	agctggaggc	aggggtgacat	tgctcccacc	240
aatgggccat	cttcttagct	acacctttgt	agctgtgggt	ccaggcagaa	gaaccacctg	300
gaaactgagc	taaggcaggt	tccttcttcc	aacagaagac	acagctgggc	agggactgtg	360
cagactcaac	agggccaggc	cagctagtgg	ccagtcagtg	ttcatgtctc	tcaccagtgc	420
ctggaggggtc	cccagccaag	gaaagaactg	gtcagttcct	gccagcagct	tgagctggaa	480
tgccctggga	gggtcagtag	aggggtggta	cttgaggagc	ttcacagaga	ggcggatgtc	540
aacatcgag	aggaagatgt	ccatgaggtc	atggcctgcc	tcctgtgcta	tctgggagat	600
cacgtggccc	ttcggacca	tcaggagttt	cacataagat	tctttgggca	ccagaagctt	660
ctgttgagta	accagctccc	cacctggtcc	ttcctccac	actgctgtct	tctgctgtac	720
attgtaaggc	acctcctggg	gcagggtgttc	taggagcttc	tctcggataa	tggtggcaca	780

gatctcttct	ggtgtctggc	tagtgaggac	tgcactgtgg	tactcccagg	gccctggctg	840
ggcctgtgtc	agaaggtatt	gcttttagtgt	tttcacatcc	tcttggctta	gggctgacaa	900
catgaagatc	tccttgaagt	ggggccagcc	aatcctctga	ggatttccca	cagatttgtgt	960
gtttgggtcc	ttaactgctg	ggctggggca	atgggtgcc	gggtgtgagt	ggaaggcctg	1020
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gagaactgac	ttctgcttca	aacaatctac	cttgttcatg	accaggacac	tagggatctg	1140
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tgagacatcc	acaagaacca	caacaagatc	agcagattcc	atgctcttcc	atggatcttc	1260
caacaaagag	agctccaggt	gatgcctctt	ctgtttacca	ggactgataa	tgccagggtgt	1320
gtcaagtaga	atcacctggg	tctcctttctc	tgtgatgacc	cccagagctt	ggcagcgagt	1380
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catatcaggg	tgatggacca	agaggacatc	ctgctcatct	ctgttcatgg	acaccgcggg	1560
gacgcaagga	gtcaccgaac	tgtcgggctg	agagaatccg	aggaagtggg	ccagggcaga	1620
gccctggcca	ttactgcgag	aagccgaggc	caagcgggga	ccagagaaag	cggaccccg	1680
gacgcaggac	acgcacctcc	gttggaagcc	taagagtggg	gaaaaaggga	tcacccgctc	1740
cctcgcgaca	tgaggggcca	cctgccagac	tcttaacacc	gattgaacaa	gcctagcccc	1800
gcgccagctg	ggggcagcca	tcctcgtgcc	aagcttggcg	t		1841

<210> 3659
 <211> 1917
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1069)
 <223> similar to gi4583418 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3659						
atggcgctga	gtgaacccat	cctgccgtcc	ttttccactt	tcgccagccc	gtgccgcgag	60
cgcggcctgc	aggagcgctg	gcgcgcgcgc	gaaccogagt	ccggcggcac	cgacgacgac	120
ctcaacagcg	tgctggactt	catcctgtcc	atggggctgg	atggcctggg	cgccgaggcc	180
gccccggagc	cgccgcgcgc	gccccgcgcg	cctgcgttct	attacccoga	acccggcgcg	240
ccccgcacct	acagcgcccc	cgcggtgggc	ctggtgtctg	agctgctgcg	acccgagctg	300
gatgcgcgcg	cggggccccg	actgcacggc	cgctttctgc	tggcgcgcgc	cggcgcgcctg	360
gtcaaggccg	agccccctga	agcggacggc	ggcgggcggt	acggctgcgc	ccccgggggt	420
gaaccgggtg	accgcgcggc	ctcaagcgcg	agggcgcccc	gggcccggcg	gcttcgtgca	480
tgcgaggtcc	cggggggccg	ccccgcgcgc	cgcccgacac	accgcgcgtc	agccccgacg	540
gccccgcgcg	cctgcccgcg	cccggtccgc	cgccctcctt	cccgcgcctt	ttcggtggcc	600
ctggtttcgg	cgcgcgcggg	cccgccctgc	attacgcgc	gcctgcgcgc	ccagccttcg	660
gtctcttcga	cgacgcggcc	gcgcgcgcgg	cagccctggg	cctggcgccc	ccgcgcgcgc	720
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gccgcgcgtc	ttggccccgc	aaacgcaccc	ccactcacac	tctgcagcta	cgcgggctgc	840
ggcaagacct	acaccaagag	ttcgcatctg	aaggcgcac	tgcgcacgca	cacagggtgag	900
aagccctacc	actgcaactg	ggacggctgc	ggctggaagt	ttgcgcgcgtc	agacgagctc	960
acgcgccact	accgaaagca	cacggggccac	cggccattcc	agagccatct	gtgcgatcgt	1020
gccttctcgc	gctccgatca	cctggcgctg	cacatgaaac	ggcacatgta	gccgggacgc	1080
ccccgcccac	ctgcgcgcgg	gccgtggggc	ggttcccacg	cgccggggcg	ggccccctcc	1140

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caaaactgtga ctggtatttta ttggacccag agaaccgggc cgggcacagc gtggctacag 1200
agggtctccc tcgatgacga cgacgacgac gccaccaccc cagcccccggt ctgtgactga 1260
aggcccgggtg ggaaaagacc acgatcctcc ttgacgagtt ttgtttttca aaatggtgca 1320
ataattttaag tggcatcttc tctcccaccg ggtctacact agaggatcga ggcttgtgat 1380
gccttgtgag aaataagggc cttaatttgt actgtctgcg gcatttttta taatattgta 1440
tatagtgact gacaaatatt gtattactgt acatagagag acagggtgggc atttttgggc 1500
tacctggttc gtttttataa gattttgctg gggttggttt ttttttaatt aaaaagtttt 1560
gcattctttta aaaaaaatca cagcactggt ctggttgctt ggaactgggg ccttgggggca 1620
cttgggagga ggggggagcg gaaagtttga tggagggcag cccccactaa agcatcgtgt 1680
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aagggttggtc tttgagccat aaattgcctc tttgccccac atgctgggga aagtgctggt 1860
cccactgacg tggcctcctc tacgttgaaa aaaataaaac tacttacctc ttctctgg 1917

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<210> 3660
<211> 1292
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1293)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (904)...(621)
<223> similar to gi726395 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3660
ttttttttta aaaaggtttt gcatttcata tttattatca gtgcttcaat atagaatggt 60
ttgtaatgat tagcaacatt gtaaaacacc accagggtttt tccaacacta actgctagtc 120
ttttccagta aatatttttt ccccagacaa aataaccaa cctaacacaa tttcaagaga 180
tggtgatacc atcagcataa taacccaaat tacaaaaatg gcaataactta aaatcatgca 240
tattattttca ccatttcata aaacttattt taaaattttc acaaactttc ccagtgtaaa 300
agactcctca aaagctgcat gataacatta aactacaaaa ttacttttgg aaaagtaggg 360
agttattttt ctaatttttg ctttaagatt ttttttttta aatgggttaa aagatacggg 420
gaggagtgtg ttgagagagg tggagaaaag gagcttccag tcaatgcatt caccatatct 480
gaaaatactt cagttatata aagggaacac ttcgagagta aggatataat ataaataagt 540
ctctcagcaa gatgaacgga tgaacagttc aattgcaccc acaggagaga ggtcttcttg 600
gagaatgctt gtttatagaa tcttctgtaa aatagagttg gctacttcta atgattcatc 660
ttgtactaaa acaatatcat aagagtccat gtacttttct aaaagctcat ccactctatc 720
atttagatat ccaattttca gaatgtgctc aacattggcc actccatctg ccattcttaa 780
gtctccttgg gagtctccca aggagaatta tgttactatt gtcttttagt tgattgaaat 840
attctgtatt cctcaaggca ccatcatggt tgttaaatac atgaattagt tctcctttaa 900
atcctttgag cccccctat gaaaaatata aatcttttga acaggcttta aaaattctat 960
ttgttggtgatt ttcataattt ggagctctta attgatgtca ctattatttc atcatatttg 1020
taaatacatc tttgatacta gagatctcaa agcacttaag tccatcacat tcaccatagc 1080
taagaagggc tcggagaagt aaatgatttt ttagatacta ttttaaatgg taaaacaaag 1140

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gccgggcgca	ggggctcccc	cctgtaatcc	cagccctttg	gaaggccaag	gaggccagat	1200
ccctcaaggt	caggagttca	aaaccaaact	ggccagtcga	cgcgggccgcg	aattccagat	1260
ctgttttcgt	gntnctgann	ccgccatggc	tt			1292

<210> 3661
 <211> 2092
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (428)...(685)
 <223> similar to gi407992 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3661						
ttgcctgttt	ctctttctcc	caaagagctg	ggattaccgg	tgtgagcgag	cgcactcctc	60
cccccaaatt	gtttaccttt	acccgaagtt	ggtatgcatt	gacttacctg	tggacaacag	120
tgatttttgt	ctcctgtcct	tactttctct	tgtctccaac	tctcagggac	tcattcatca	180
cctctccctg	cacccccacc	cctgaccogt	gctagtttgg	tatctatgcc	tgtagctttg	240
ctttggggca	tcactctgaat	ctcatactgc	acggcctttc	agatctggct	tcctgcactc	300
aatgtcatgc	acgtctctta	gtgccgtggt	cccttaatgc	tgagtcatgc	tccattgtat	360
ggatggacca	catgactgat	ttgcctcctg	tccttagtcc	tctcagcctc	caactctcct	420
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09458725.01.100

tttctgctta ttagacgaaa tatatactca ttttaaaaaag gaaaaaaaaa aa

2092

<210> 3662

<211> 920

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (905)...(332)

<223> similar to gi4884206 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3662

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agatgaaaaa	gtgactcctt	ggttttcttca	cattcccctc	caagagccca	gtgagccatc	180
agctcctggc	cagcaacaca	cctgatacaa	aatgggagaa	gtgtataaat	tattatgttg	240
ataagcaaga	taagtgccaa	agggtagata	agagtgaag	cattgggaag	cctggcagag	300
tgcagtcagc	aggtcagttc	ctggcgggtc	attgagcagc	ttggcccaa	gatgtaagt	360
aagtccctcc	tggtggagg	atgagagcag	ctccagttac	tccgccttca	tgacacagga	420
agttgaaggt	ggcacaggca	ttgggcgtgt	cctgcacttc	cacagcaatg	ccccgctgcc	480
tcatggcttg	aagcacctgg	gactgcagcc	tctcgggtccg	gtctccagtc	cccaccacca	540
cgatctctat	ccggggctcc	agcaaccaga	agagggaaaa	gctgtcttcg	gtgatgtcct	600
gggtgggatcc	cacgttccac	tgcaaccaccg	agtgcgggag	cagagcgag	gggccgagca	660
cgcggtttcc	gtttatcatg	aagccgcggc	tggtgtagct	gtcgatgtac	attgcctgag	720
cggcctcgcg	ttgcagcaga	gagatgcgcg	tccgctgata	cagctcgtca	tccgcggcg	780
agagccgatg	ccctcgccgc	ggggcccagg	gaagctcaac	gggcggacag	cgagcgagg	840
gtcgcgctcg	gtacaagcta	cgtagcgcca	gagcggtggc	catggctgac	caacgcgcgg	900
cgaagtcgtc	accggcgccg					920

<210> 3663

<211> 1189

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1178)...(122)

<223> similar to gi899493 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3663

cggtcctaca	gtagagatgg	gcagtctgta	gccgagccag	gcatttcgtt	aaaggcagga	60
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tgcagctgtg	gctgaggcca	agaaatgtga	ggggcctcca	tccactgcat	tgagtagcga	180
ccccgacgtg	gggttcaatg	tggagcgggg	aggggctgct	gcggcagctg	caggagccga	240
ggtgccaggc	cttgttcttc	tcatgccggc	atccctgctt	gcaggtgtga	agggggcagg	300
aatcagcgag	gtgtcctggg	ctgagtcctg	ggagtgggaa	gaggtggcag	gaaggggatc	360
tgaggaggag	aacaggggtc	ctggtggtct	gtgcttcttc	ccagacacgg	gagctgtaga	420
ggggacctct	gcagcagatg	ctaggggggc	cactaggccc	aggcagtctt	gggacttggg	480
tctgtcctgc	tgtgcatcca	tagtgggtgc	tttagaaacg	ggaggcccac	ccgaagcccc	540
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cgtggagctg	taggagctgg	agatggcatt	tcgttttggt	ttcgagctcg	tccaggatgt	1020
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ccggggcctg	ggcacaaagg	gagagggggc	tccattgtcc	cgcagggggc	aaaatgcaga	1140
ccgtgcatcc	ccggtgaacc	tcgggaccgt	tctctgatca	tcaggattt		1189

<210> 3664

<211> 1159

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (41)...(425)

<223> similar to gi5734705 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3664

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caccgacacc	ccattgctcc	cacagtctcc	ccagtctcca	ctttggtccc	cagcgtgtgc	120
tgcccagga	tttgctgaa	ggctgcccc	aactctgcac	ccgccccccg	agggccaccg	180
aggaccatga	ctaagacaga	tctgccccg	atggccccgc	caccccgagg	agaggaggaa	240
gaagaggagg	aggaggatga	acccgtcccc	gaggccccca	gccccaccca	ggagcgccgg	300
cagaagcctg	ttgtgcaccc	ctcggcacct	gccccctcc	ctaaggacta	cgctttcacc	360
ttcttcgata	ccaatgaccc	ggcgtgccag	gagatcctgt	ttgacctca	gaccaccatc	420
cccagctgt	ttgccattgt	gcgccagtgg	gtgccccaa	tccagcacia	gatagacgtc	480
atcggcaatg	agattctgcg	ccgaggctgc	catgtgaacg	atcgtgacgg	gctgaccgac	540
atgacactgc	tccactatgc	agtgcaaagc	tggggccccc	ggagtcgggg	accccgccgc	600
agccgtgcgc	ctctgcgacg	agctgctggc	gctgggcgca	gatgtgacgc	tgcgcatccg	660
ctggaccaac	atgaacgcgc	ttcactacgc	ggcctatttt	gatgtgcccg	acctcgtgcg	720
tgtgctgctg	aaggggtgca	ggccgcgagt	ggtgaactcc	acgtgcagtg	acttcaacca	780
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cccagatcct	atggacatgt	ccctggacaa	ggcagaggcg	gcactggtgg	ccaaggagct	960
gcggacgctt	ctggaagagg	cagtgccact	atcttgccgc	ctccccaaag	gtcacgctac	1020

ccaactatga	caacgtccca	gggcaatctt	catgcttagc	gcactgcgtt	gcgcctggga	1080
gaccgcgtgc	tgctggatgg	ccagaaggtc	aggggctggg	atgtgtgttt	gcatggtggg	1140
tgggggtggg	actcagccc					1159

<210> 3665
 <211> 5530
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(4500)
 <223> similar to gil504040 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3665						
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aaaaaaaaaa 5530
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```
<210> 3666
<211> 4254
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4255)...(2061)
<223> similar to gi3882261 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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tgagggaagg aagaatggag cttggggagca tgggatcatg tatgtataacc aggaaagaaa 180
acacacattc tttattctat tgcttcaaag acagtttgtg agaatggaag ataacaagca 240
cagctggcca ggaaggcagg gcacacatgg caggtcaagt tcctgctatc cagggagggtg 300
gcccagagct tccctgctgc tcctggagga agcagagtcc aagctggccc agatgaggcc 360
ccgggcagca ctgcttctgt gtgggtatgg ccagtcggga cgtggcgcca cacactgctc 420
ctccgaactc tggatgaagg ctgccagcc tcacaggcct gagcagagtc tcccacatct 480
gcgaatgggg ccaatggcac tcactgtctc ttcaggcccc caggacggc atgcctgggg 540
aagcctagtc tacttaccat cagcacgttg atctgtcaca cagcatggag ccatagttta 600
caaaggacca cggcagggtca aggacaggcc actaaaactg ttggtgctgg gcaccatcac 660
ccaccctcac caccatcaaa gacactgggt cagtgaagct tcgagtctgc aaaaaccccg 720
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<210> 3667
<211> 4956
<212> DNA
<213> Homo sapiens

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<222> (1)...(3207)
<223> similar to gi5689469 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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 <211> 1647
 <212> DNA
 <213> Homo sapiens
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 <222> (1500)...(1127)
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 Run with FASTXY 3.3t00, default parameters

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<210> 3669
 <211> 2126
 <212> DNA
 <213> Homo sapiens

 <220>
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 <222> (1954)...(463)
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 Run with FASTXY 3.3t00, default parameters

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acagcagcac	cgtgatccag	agcaccgccg	agactggcag	aaccagccga	cgagtcaggc	2100
gccgcatggt	cccctttgcc	acgaaa				2126

<210> 3670
<211> 698
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (78)...(569)
<223> similar to gi4150939 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3670						
gcgctcctgg	ccgtggccct	gaacctgctg	gcgctgctgt	tcgccaccac	cgctttcctc	60
accacgcact	ggcgctctac	agctgggaga	ccggcgacga	ccgcttcctc	ttcaggaatt	120
tccacaccgg	catctggtac	tcgtgcgagg	aggagctcag	cgggcttggt	gaaaaatgtc	180
gcagcttcat	tgacctggcc	ccggcgctcg	agaaaggggt	cctgtggctg	tctgtggtct	240
ccgaggtgct	gtacattctg	ctgctggtgg	ttggcttcag	cctcatgtgt	ctcgagctct	300
tccactccag	caatgtcatc	gacgggctca	agctcaatgc	cttcgcggct	gtcttcacgg	360
tgtctcagg	cctcctggga	atggctcgccc	acatgatgta	cacgcagggtg	ttccagggtca	420
ccgtgggcct	cggtcctgag	gactggagac	cccatcctctg	ggactacggg	tggtccttct	480
gcctggcggtg	gggtcctttt	acctgctgca	tggcagcctc	tgtcaccacg	ctcaactcct	540
acaccaagac	ggtcattgag	ttccggcaca	agcgcaagggt	ctttgagcag	ggctaccggg	600
aagagccgac	cttcatagac	cctgaggcca	tcaagtactt	ccgggagagg	atggagaaga	660
gggacgggag	cgaggaggac	tttcacttag	actgccgc			698

<210> 3671
<211> 2146
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2140)...(1996)
 <223> similar to gi2580578 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3671

ccactgtggc	gtttgatcga	taaacgcaca	tgcgaggtgg	aggggtggctg	gtgtgtaatg	60
tgcccggcag	ccttcatagc	aaaggagaat	tctagaacca	accgaagtgc	ccctctgaag	120
ggagctggtc	ccgtccgttc	cagccgccgt	ggagtaacac	agccagcagt	ttccctcctg	180
ccacgaaaagc	tcgagactga	aactcaggat	gaactgtttt	cagcccgggt	caccccagcc	240
ctgggggtgga	ggccattga	ggatggccga	gcaggggccc	gcatccaggc	aggtccagca	300
gtcctggcgg	gctgaggaga	aggaggtcag	tgctcaggga	gacatccgca	gagggacctg	360
gcaggcagag	ctccagaagg	gagggaactg	cacagacaga	aagctccaga	aggctgcctg	420
agggcctctg	aggcctccgg	agtcaggcgc	catgcatgtg	gaagggtggac	tcttcagcat	480
ggatgggacc	ctagggggct	gtggaccccc	ggcccctggg	actcacagggt	gggagacagg	540
agttccaacc	gccaggggga	gagtcctgga	ggatcctggg	ctgttggcag	ccacccagca	600
gggcccgtcc	tgggagtggg	gctggactct	tcctgcagga	aaggctgggc	tggacctgct	660
ctgagagggt	tcagaaccag	ccacacgaag	accaaagtga	agagcaagga	gctgaactcc	720
acgcagaaca	cagcgcagcg	tcctttaaag	gaaggccaaa	aacaacccaa	caaaaatgcc	780
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agacgcaggg	aaagggtggc	gtgggaacgt	gagtcagcag	caacaggccc	agaagggcag	900
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gagcctgaaa	tggtacagct	ttggacatcg	gtttggcaaa	ttcttttaga	gagaaacaca	1020
caccttccct	aggacccagc	aactccactc	ctaataacca	agtgaaatgg	aaggagtgtg	1080
cctcagcaaa	acgtgtgtgc	ggaagttcac	agtcactttc	tcggtgataa	ccaagagctg	1140
gaaaccactg	caacacccac	cagcagggtga	acggattaac	acactgggct	agggccacac	1200
aatgagatgc	tccgtggcaa	cacaaaatga	accgtggaca	cacactgcac	ggcggatgaa	1260
tatgcagaca	tcaggccacg	tgaagggagc	caggccccga	ggcgccacgc	tttgtgattc	1320
aggggtggtcc	ctctgcgccc	aagaccgccc	tgccctcctcc	tcttcctggc	tgcagggagt	1380
gcttgtgtct	gaagaacgcc	aggctggtgt	ccccagaggg	cggctggagg	ggctcagaaa	1440
ccattttcac	cttctgtctc	ctccatgtct	gcactgtttg	ggtttgtacc	cgctgtgtc	1500
gcttttgac	gggaagtga	atggagagac	acgtgaacca	ccattgctgg	ggttccagca	1560
tggggcccca	ggggacccat	ggctttccca	gaaggaagct	ctgccattgg	acagccggtc	1620
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gtgggggtcca	gctgcattgc	gaatggacta	aagccactga	tttgcacact	tgccaatggc	1740
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gagcgcaaaag	aggctcagag	gaggccccgg	tgccctggag	agacgctgcg	gtcctgacga	1860
cacagcatcc	ctgtccgcca	gcggagatgt	tcccagataa	agaattcccc	ggcgggagac	1920
agggccctgc	acacagggtcc	tttgccatgc	tgctcaccat	gcctgtgtgt	tatctcccca	1980
tgaaaagtca	cctaggccga	gcatggtggc	tcacgcctgt	aatcccagca	ctttgggagg	2040
tggaggcgtg	cggatcattt	gagatcagga	gtttgagacc	atcctgagta	acatggtgaa	2100
accccggtttt	taggaagaat	acaaaaatta	actgggaaaa	aaaaaa		2146

<210> 3672
 <211> 1193
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1195)...(1011)
 <223> similar to gi299471 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3672

tcctagtcca	tgtggaggaa	ttcagcccgt	taggacgtgg	gaaggccac	aggtggggcc	60
gagtaaagg	ggacaggaga	cgtgcggggc	aggacctcgg	ggctggatgc	agaggccggg	120
gtggtggaaa	ggggaggaga	actgggcagg	gcagataagt	gggtggggcc	tctggagggtg	180
gcggggggcaa	ggttggagcc	ccgggacgaa	gaagggacgc	gggtcagcga	ggcctgaaga	240
gtggggaggag	atgggacccg	gctgtagagt	gcccagaggt	ctaggccagg	ggccgcgctg	300
ccgcagggaag	atgcgagagt	ttggcttttg	tgatctggtc	caccgggggc	cagtcttgcc	360
ccctctgcca	ccgcagcgta	gggcctcctg	cattccgttt	ctctggccgg	aagggtctag	420
tgttcatccc	tctcaggctt	tggcctcctc	ccactctccc	gccctggggc	ccattcggtt	480
aggaagaatg	ggagagccgg	tcgtggcccc	tgggcggggg	aaaggaggga	ggcttggtaa	540
acctctgctg	gggaggaccc	agtacagtgg	cagctccttg	tcggggaaaag	aacggatctg	600
gggaaagaac	ggatctgcgt	cacacgctct	tacaggggaa	ccctaagggg	cctgaggggt	660
agggcttggt	ctccacccag	agggaaggag	aaatttttcg	agtcgtaaag	aaatgtatca	720
gaagccatgg	aacatttaca	gccgcacacg	ctgggtctcc	caacaaacag	atccccaaaa	780
tattttccag	tgctgtactc	gtggcataga	cccagacca	cagaccagga	ggaagcgcta	840
gagatgtcaa	cagccaacaa	aaacagtgtc	ttacacactt	gtaaaattgt	gacctacagg	900
ggctgggcac	tgtggctcac	gcctgtaacc	ccagcacttt	gggtggccaa	ggtgggagga	960
ttgcttgagc	cccaggagtt	cgagatcagc	ctggcaaaca	tggtaaaatc	ctgtctctac	1020
taaaaataca	aaaattagct	gggcgtgggt	gtgcatgcct	gtaatccag	ctacctggga	1080
ggctgaggca	ggagaattgc	tggaacccaa	aaggcgagg	ctgcagtgag	ccgagattgc	1140
gccattgcac	ttcagtttcg	gccacaaagc	gagagtccgt	ctcaaaaaaa	aaa	1193

<210> 3673
 <211> 2427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (20)...(972)
 <223> similar to gill109880 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3673

agacagttaa	tgaggctctac	aagctgggtca	tccccatcct	agaagcgcat	cgagaattcc	60
ggaagctgac	actcactcac	agcaagctgc	agagagcctt	cgacagcatc	gttaacaagg	120
atcataagag	aatgttttga	acctaacttc	gagttgggtt	cttttgatcc	aaatttgggg	180
atttgatga	acaggaattt	gtctacaaag	agcctgcaat	taccaagctt	cctgagatct	240
cacatagact	agaggcattt	tatgggtcaat	gttttgggtc	agaatttgtg	gaagtgatta	300
aagactccac	tcctgtggac	aaaaccaagt	tggatcctaa	caaggcctac	atacagatca	360
cttttgtgga	gccctacttt	gatgagtatg	agatgaaaga	cagggtcaca	tactttgaga	420
agaatttcaa	cctccggagg	ttcatgtaca	ccaccccggt	caccctggag	gggcggcctc	480

```

ggggagagct gcatgagcag tacagaagga acacagtcct gaccactatg caagccttcc 540
cctacatcaa gaccaggatc agcgtcatcc agaaggagga gtttgttttg acaccgattg 600
aagttgccat tgaagacatg aagaagaaga ccctgcagtt agcagttgcc attaaccagg 660
agccgcctga tgcaaagatg cttcagatgg tgctgcaagg ctctgtggga gctactgtaa 720
atcagggacc actggaagta gcccaagtgt ttttggtctga aattcctgct gatccaaaac 780
tctatcgaca tcacaacaag ttgaggttat gctttaagga attcatcatg agatgtggtg 840
aagctgtaga gaaaaacaag cgtctcatca cggcagacca gagggaatat cagcaggaac 900
tcaaaaagaa ctataacaag ctaaaagaga acctcaggcc aatgatcgag cggaaaattc 960
cagaactgta caagccaata ttcagagttg agagtcaaaa gagggactcc ttccacagat 1020
ctagtttcag gaaatgtgaa acccagttgt cacagggcag ctaagaaaag ccatcttcat 1080
tcgtggagac tgtggccctg caaccctgga gaaggacttg ctggtactta aaaaatggga 1140
catttgccac ccaggactga ctgtacactc cctgatcagc cagcactctg gaagctttgg 1200
gatccagga accatggaat tattcccaa tggactctga ccagattttt gccatactgg 1260
ggggtggcgg gatggaggat gggactcag gcatgactgc gtatttatta aagtgtgttt 1320
ttccacaatg taccaaaca ggcataagca gcttctcctg ctgactggcc aatcactgcc 1380
catctgagag atgatttctt ctggcccata tttgaattta ttggagtaac tcaaattgcc 1440
tgaggaaaaa tggaaaaatt atccaccagt cgattcaaac tgaatttcac tctttatagg 1500
aaggcagggc aaacttgtag gagtaccgaa acattttcaa taaatctaca aagggaagcc 1560
ttactacaat tccaaaaatc atcatgggtg gaaatttggg aggaggatta tttgtgaaac 1620
ttgttaccct tttggtaatg gtggactaat ttgctgtata gttatttttg ttttattatt 1680
actgttacca ttaattttta catgcattta tagaagaata cattcaaagc actgatgtag 1740
gagatacacg gtacttgtag cagtcagcca aaaatcacag atactgcttt cacttaaattg 1800
gaaacaattc tccgataatg ctttgctttt ttcttatgt cactcttggt tactatctat 1860
ttttctctc tctgggacca agtttctttt tataaagcaa taatatctct gttttcattt 1920
cagaacattg tgctgtctgt cagcatatgt atatcagcta caaaatatat tcaactttga 1980
cttcttttga caaaggactt taggaaaaag aggaacaaaag acattatttg agaattaaat 2040
tatatatatt taatatgact gtgaccttga ctgataataa agatgtaata agaattgcaa 2100
gctaaatggt tccctttgca actcatgctt tgtgttttgt tttgatgacc tactcgctcg 2160
taatgttttg taaggcactt cagagagaag acagatgcat catcctggcc tccatcaaat 2220
aacactatcc aaggtggcac ctcttctgca atgtttaacc ctgctgttgt ccatttgggt 2280
ttgtttttta cagtctcttt tgtaccacag tggatacatt tgcttcatga gtgcaggaac 2340
catgttcact gctgcattct taccctagc cctgggtcca cctagcctgt aagtgcctcc 2400
tgaggggtatc aaagcacgcg gacttcc 2427

```

```

<210> 3674
<211> 1766
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1767)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1552)...(1077)
<223> similar to gi5824799 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	3674					
tttttttttt	ttagaaaggc	agatgatttc	tttattgtaa	agacagcagt	tacaaaagag	60
aataaatatg	acattaggat	atatttgtaa	aaaatacaac	aaaaaccct	agtatttgtg	120
agcaacccca	agaactcaca	agtatggggg	ataagaacat	ctacagctgg	ataccctgaa	180
acagatgtta	gaaactggct	aatggtgagt	atggccatga	ctttggggat	gtttgaaagg	240
ccctggatct	gtcacttggg	aacgtcagcg	gtctactgta	atacaatttg	cacagagtca	300
gagtgaacag	gaaccctttt	actcattggg	atcctaacta	ttctttcggt	cttacagtga	360
agtagtacag	tattttaagag	tggggaaaag	gctgagctgg	gaagacatag	acggagcaag	420
gtgaagaggg	agggactggg	ggaatgctaa	ggggccaggga	gaaaggtggc	aggaaggagc	480
agacctctgt	cctttctcta	atgtgtgtta	ctgtggtggc	atgctgttcc	tcctgttgaa	540
gagtggacgg	gcagtgggcc	accgcgcctc	cattaagacc	caccattacc	caggaacaga	600
agatgcaaaa	gcaactggca	gaatcctacc	aaagatgaga	acagggaagt	tgaatgtgaa	660
gcagagagga	gtgcagagaa	ttctccgaga	aaatgggcct	tttctctgag	gacccaaaaa	720
gacagacata	tctacacaaa	ttgatatagc	agactactct	ttgatgggga	atggtaaagg	780
gacaaggaca	aagtgaaggt	tgctgagaag	atacaagttc	tggctataag	aagggcagag	840
gagcagaggg	aggagacaga	ggtgggcagg	catctggccc	acccaggagc	cctcctggag	900
gggcttgagg	actgggagga	atgaaggctg	gcacgggagc	tggcacgggg	tgggtggatgg	960
agatgctggc	tcagggaggg	gaccgacagc	agtgatgaag	atgcctagtc	atctcttctc	1020
ggggcatctg	tgaggcacag	ctgtgggcag	agggcaaggt	cagcaggact	atgtattgaa	1080
gttggccttg	agtttctgga	aggctgcctg	gcggagccgc	ctctcctcct	cctcccgttt	1140
ccgtcatctc	tgctcagctt	tcaactctgc	ttcaaactta	ctggccgatg	acaaggcttg	1200
gaccttggtc	tcaaagaagt	tcttggcacc	tttgacaccc	tccagggccca	catcgatctc	1260
agaaagcttt	gccagcgcca	tcagcccaact	gtcctcctgc	agctcccctg	ccgcggcctt	1320
gtggaaaatg	agcaggaact	cccgggaagt	gagcttgcca	tcgaagtcct	catccacctc	1380
cttgatcatg	ctcttcaggc	ccagggtggg	ctggggggcc	cccagcttct	ccatcatcag	1440
cttcagctcc	atcaggtcga	tgaagccatc	ccgccagcgg	tcatacagtt	tgaacatgct	1500
ctccaggctc	ttgatgaggc	ggcggctgaa	ctccgggggaa	ctcctgttag	gggttgaaga	1560
ccctgcagcg	ccggggccgc	gcagcgcctc	cgttgatgtc	cagccgcggg	ctcagctggg	1620
cgctcastcc	gcgtcgggcg	tggccgtggg	cgcaaggcgg	ggaggctcgg	gctcgggctt	1680
gggctccggg	gctggggcgc	cgagggggagc	cagctggggg	ccactctcct	cggcckcccn	1740
scgcccgcgc	cggcgctcca	gcttgc				1766

```
<210> 3675
<211> 2416
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(2417)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2383)...(2122)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 3675
 tttttttttt ttttttttca caagttatat tttattttaa cacgaggatt aacatatagt 60

tacaaggtca	atacaagcct	ccagtgggaag	ctctttat	ggtttaattc	catctccaga	120
gacaaacagg	caactctagg	acctttacag	tggcgatcgg	cctccacnac	agcaaatgc	180
ctccaaagtt	tagaattagt	gcaacacaca	tacgaacggt	ttaaagggtgc	tcaacatcag	240
gttaaaatag	aattctggac	ctttttaaaa	agtttttgga	tgatataagc	acaggaggca	300
gagccaataa	gaaacatgaa	accaatat	ctggaaaaac	acttagcatg	aacgtcactt	360
tttgacgtcg	tgtaaaacttt	cttctgcaat	gacggatggt	accaaaggc	attgagacct	420
ttgcgctgcg	ctggtagac	aagccgcagg	cttatctcca	cggtgagcag	gataaaaacc	480
cccaaggaac	agcccatgac	aaccttctgt	gcctttttat	actttcccat	cctacaaagg	540
aaaaactggg	taaaggacaa	gttcctccct	ttcattgctg	ttctaagaac	ttttcagggc	600
aggttctttt	aaaattagtc	atcttacaac	acaacagtat	tctagcacgg	tggcgaagtg	660
acaggcggga	gatacggggg	aggaaggaga	cgttcacggg	aaattccaca	ttctactcta	720
tgtgaactgc	tccagaaaaa	tacagacatg	atcttcacagt	aggattccca	gagtaaata	780
tgatacatag	gacaactgac	ctcctctaag	aagcccggtt	ggggcagcag	tgagcttttc	840
atggagccac	gcagactggc	ccggaagcaa	caccaggtt	caacatttaa	gagcactcgc	900
tataacattc	tttttggaag	caggtggtgg	aaaagttaa	aaaacaggcg	gaggagtgc	960
gggggggatac	aagcatatcc	tatactgggg	gtgacgggtc	ttcaaagagc	aaattactgc	1020
agcttatatc	ttttccacta	tggtgcaaga	aatgaatcta	tcctgaccca	taatatgaaa	1080
gatgcgacgc	acatgcattc	ccgaggctct	aaaatcccat	tttaaagaac	cgtttcacat	1140
cctcgtggag	tggagagtgg	tccacttgac	ttggtgaggt	cagaagtcc	tgaagatccc	1200
tgctgtcccc	gttggcgggg	gagccattg	tggagctgtg	gggactgcca	cactcaccat	1260
gcacctgttg	gtttgcaggg	acagaggtgc	ggccttgact	cttctcacc	tgtgtcatcc	1320
gggcttgtct	ttcgtctgtc	aagtcagtc	tcctgcgtga	ctgatgggtg	caccacgctt	1380
aggtcacccg	ttgcagggac	cggaagtcca	tggctctgcc	gcaaccctga	gcgggttgca	1440
gtcccccccg	gggaagaagc	agtcagagag	gctcacgctc	acctacttta	aaaacccaaa	1500
gccacttcct	cttcacctgc	ctgggcctca	gcgtctctgc	gcttgtgggt	tctcgtcccc	1560
gagggctgac	tgagctgctc	cggaagggtg	gtgtgtgggtc	aaccttgggt	ggctgagagg	1620
agcaatttcc	tggtttccac	aagtaaagac	agccccatcc	cttgggacct	gtcctttccg	1680
tcctgttccc	tttggttct	ataggacttc	cttgtcttag	attcataaac	agcaagagga	1740
actgaggatg	cttgagggga	ccacctagtt	accaaagcca	agcaaagaat	aaagctgccc	1800
gacatcatcc	ccaggcttcc	gtggcgctct	cggtcacagg	agctttaggc	caatgggtcc	1860
tcttgactgt	ttttgcccc	aatgagagga	ggggctgctt	tgctttaagg	cgtggcggcg	1920
gggggggggt	ggtggccaca	gattagggga	cctcagggtt	tcctcaaaaa	cccacacagg	1980
gaaagaaact	tggtcttaaa	agcaaactca	acgaattcca	catgcctga	agagcacgtg	2040
ataaaaataca	agggtggtgg	cggcgggatc	cctcaaagga	ccacgagagg	cacgggtct	2100
ttggtgatga	aagtgctaac	ctcggcgggg	tgcggtagct	cacacctgta	atctcagcac	2160
tttgggaggc	tgaggcgggc	ggatcacctg	aggtcaggag	tttgagacca	gcctgaccaa	2220
cacggtgaaa	ccctgtctct	actaaaaata	caaacattag	ccgggcgtgg	tggtgcacgc	2280
ctgtaatcac	agctatttgg	gaggctgagg	caggagaatc	gctggaaccc	aggaggtgga	2340
ggttgtagtg	agccgagatc	atgccactgc	actccagtct	gaacaataga	gcgagactcc	2400
cgtctcaaaa	aaaaaa					2416

<210> 3676
 <211> 2416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2417)
 <223> n = a,t,c or g

<220>
 <221> misc_feature

<222> (2383)...(2122)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3676

tttttttttt	tttttttttca	caagttatat	tttatttttaa	cacgaggatt	aacatatagt	60
tacaagggtca	atacaagcct	ccagtggaag	ctctttatatt	ggtttaattc	catctccaga	120
gacaaacagg	caactctagg	acctttacag	tggcgatcgg	cctccacnac	agcaaaatgc	180
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<210> 3677

<211> 1495

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1498)...(732)

<223> similar to gi32093 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3677

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<210> 3678

<211> 5662

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5664)...(456)

<223> similar to gi2662085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3678

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<211> 2655

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2656)

<223> similar to gi2280485 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gaaaggaaa	accctctctc	agcattggcc	agagaatatg	gaggatcaaa	gaggaacgcc	2580
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agcagcagct	ggaaa					2655

```
<210> 3680
<211> 4410
<212> DNA
<213> Homo sapiens
```

<220>

```

<221> misc_feature
<222> (1)...(4411)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (4411)...(749)
<223> similar to gi4240217 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3680

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ctaagctgca tcaagtga aaatacaaaa atgctgtccc tctccctgg gctcgggaagg      180
cagtgcactt tctccctctt aacagcccag actagacggg tgaggagggtc agtggcctgt      240
gacccagggc caagctggga gtgtcccgca tagccttttt ctctgaccag tgggggggaat      300
tccatctacc cttgagggcg tgctgggctg gggcccggtt ttccacaacc agcacatgtg      360
ntggtgagaa aaaacccaag ggtagcttta tcaacagggc tgctggggcc ttaaataact      420
tgacagtgag tggtgggccc ggtcacagcc aggggaaagg acttaacaca gattgccctc      480
ccaagccccc actggctggg cctaatttta ggattaccac gggaaaaaaa gctttgatga      540
aagacaacag gaagtcaaca cagcagagag tgggtgtggac aacccatgaa tgccagcctc      600
accgcattcc catgccccac agttaacgat gacaacaaca gcaataataa taataataat      660
aaaacaaaagg tacaggtgaa aagcagcgct tgggggtgtg tgctgcaagc tgggggaaggc      720
gcgtgctcaa cttggatggg acacacctag tctttcttca agtccctgga ttcaaagagc      780
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gccttgagct gtccttcaa cctgctgatg tcacagtcag ccttagcctt cgcgatgctg     1020
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094687235-012100

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<210> 3681

<211> 2752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(856)

<223> similar to gi4406821 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3681

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cagccgcagc	cgccgctgcc	gccgaacctt	accctgtgtc	cggggccaag	cgcaagtatc	180
tggaggactc	ggaccccgag	cgcagcgact	atgaggagca	gcagctgcag	gaggaggagg	240
aggcgcgcaa	ggtgaagagc	ggcatccgcc	agatgcgcct	cttcagccag	gacgagtgcg	300
ccaagatcga	ggcccgcat	gacgaggtgg	tgtcccgcgc	tgagaagggc	ctgtacaacg	360

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tggacgagat ccccgagtgg gtgcaccagc tggatgatcca aaagctggtg gagcaccgcg 540
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tcgtgtctca cgtggacccc atccacatct tcgagcgccc catcgtgtcc gtgtccttct 660
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atgtgtgtct tacaataaac aaccaaattc aatatatttt gaaaaaaaaa aa 2752

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<210> 3682

<211> 2354

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (72)...(1700)

<223> similar to gi4691726 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3682
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tggttgacag atctcggcaa aagtgcattgt ctcagagcct tgacttatcc gaattggcca 180
aagctgctaa gaagaagctg caggcgctca gcaaccggct ttttgaggaa ctcgccatgg 240
acgtgtatga cgaggtgat cgaagagaaa atgatgcagt gtggctggct acccaaaaacc 300
acagcactct ggtgacagag cgcagtgtgt tgcctttcct gcctgttaac ccggaatact 360
cagccacgag gaatcagggg cgacaaaagc tggcccgttt taatgcccga gaggtttcca 420
ccttgatcat cgacattctc agtgaggcca agcggagaca gcagggcaag agcctgagca 480
gccccacaga caacctcgag ctgtctctgc ggagccagag tgacctcgac gaccaacacg 540
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gagtgtgtgg gcgg 2354

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<210> 3683
<211> 2547
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(2535)
<223> similar to gi452821 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

001210 "E24069

```

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gactgcctg cgtaccagc gtcgctcacc gacgtctccc tggcgctgag cgagctgcgc 180
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2547

```

<210> 3684

<211> 2349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (29)...(1151)

<223> similar to gi2674195 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3684

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gaacggcgtg	ctggtgctga	gcctcctgga	caaaatcatc	ggggcccgtg	gaccagatcc	180
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cgcaacttta	aagtcagatg	ctaccaggat	gaagtgaagc	tgccggccaa	actgagcatc	480
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gagaattgct	tgaacctggg	aggtggaggt	tgcagtgagc	caaggtcgcg	acactgcact	2160
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09489735"013100

<210> 3685
 <211> 3269
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3270)...(625)
 <223> similar to gi2290534 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3685

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cctgcagcag	gcatggacag	gcggccgcct	tgctgtgcgc	agcttcctgg	cagcagctgg	180
ccttgcttgg	accagcctgt	ctgccccagc	ggccggacgt	ggccagctgg	aatccgtgct	240
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<210> 3686
 <211> 3307
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (125)...(427)
 <223> similar to gi4100164 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gaaagaatgt	caactgaaat	atctgggggt	tttgaaaaca	aaaataaaaa	tttgccaagg	180
aaatacctat	attgctcttt	ggtgtaacgg	gaaactgcgc	tgctgtagt	aagctcatcc	240
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cacaattatg	agatgatttt	taagtataa	attaaacttc	ttcttgata	aattctgccc	1380
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```
<210> 3687
<211> 2386
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(2387)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (7)...(1041)
<223> similar to gi2795825 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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ctactttgtt	caaacagttg	aagtggacca	attgatccag	aattctcctg	agtgttatca	180
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<210> 3688

<211> 3455

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (373)...(808)

<223> similar to gi3878110 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400>	3688					
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<210> 3689
 <211> 1266
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(445)
 <223> similar to gi4530441 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

0040750100

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gcagccaaaa	acaagaaaag	cccagagata	cacaggagaa	tagacatttc	ccccagtaca	360
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gatgggcata	attctaaaaa	tgaactacaa	agggttaatt	tttattaaat	gtatcaacaa	480
ccttttgtgaa	gtgggttagaa	tatggtaaat	gaccccaaaag	tctattgagg	tgagcttgag	540
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tgcacgtaaa	cactgttaag	aggttaaagc	ttgtatacaa	tctgttactg	tgaaataact	900
aaattgggct	ttaaaaaaat	cttagtattt	attgatcttc	attcacatat	acagttgaaa	960
tttaaaataa	cagatgggtta	ttccaatgct	gctgaaacct	tttctaaaaa	atacttgttt	1020
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tcctcctccg	agtacccctt	ctccagcttt	gtactagcca	tgtaaaaccc	aagggttttct	1140
ttaaaacatc	agaagagatc	tcgtcctcca	tgccccaaaa	aagccaaactc	attggagggtg	1200
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agaggc						1266

<210> 3690
 <211> 1006
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (8)...(370)
 <223> similar to gil871612 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3690

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ccaaatgctt	catctgtggg	ataggcaatg	attacttcga	cacagtgcc	catggctttg	180
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taaacaaaga	tgaaacagaa	cacacaggac	aggaatctta	tgtctggaag	atgtatcaag	300
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tgttttctgg	gagcatcgaa	gctctgtttc	ggaagagctg	tttccctccc	ccaccttttg	540
tatttacttt	gagactaaag	actgaagaat	aatctaaatt	catactcaga	caaaaaaagg	600
aattctggaa	agaaaaccat	tctggacact	gtcataacac	acatagatag	attttcttct	660
gagactcccc	gagtcttctc	gagctacgag	accttcacag	agacacgtgg	cagccacact	720
caccagcct	ctttatttca	ccatcctgga	aggaaactgt	ctgtctaatt	gtcacagagc	780
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<210> 3691

<211> 2781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(1437)

<223> similar to gil503988 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3691

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agtctcacat	ggcaacgaaa	acaacttgta	tgtcttcaca	aggatcagat	gatgaacaga	180
taaaaagaga	aaacattcgt	tcgttgacta	tgtctggcca	tgttggtttt	gagagtttgc	240
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gggaaactgg	aattggaaaa	tcaacactga	ttgacacatt	gtttaatact	aattttgaag	360
actatgaatc	ctcacatttt	tgcccaaatt	ttaaacttaa	agctcagaca	tatgaactcc	420
aggaaagtaa	tgttcaattg	aaattgacca	ttgtgaatac	agtgggattt	ggtgaccaa	480
taaataaaga	agagagctac	caaccaatag	ttgactacat	agatgctcag	tttgaggcct	540
atctccaaga	agaactgaag	attaagcggt	ctctctttac	ctacctgat	tctcgcatcc	600
atgtgtgtct	ctactttatt	tcaccgacag	gccactctct	gaagacactt	gatctcttaa	660

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<210> 3692

<211> 2548

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (202)...(1816)

<223> similar to gi3875448 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3692

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cgcgcgcccta tcacggggac tcggtggcct cgctgggcac ccagccggac ttgggctctg 240
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<210> 3693
<211> 3923
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (121)...(1223)
<223> similar to gi793845 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gccctggacc	catccaagga	cccctgcctg	aaggtaaaat	gcagccctca	caaagtgtgt	180
gtgaccacag	actaccagac	cgccctgtgt	gtcagccgca	agcacctgct	ccccaggcaa	240
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ccctgtcccg	tggcacagtc	agccatggtc	tgcggctcag	atggccactc	ctacacatcc	360
aagtgcaaat	tggagtcca	tgcttgttct	actggcaaaa	gcctcgccac	cctctgtgat	420
ggggccctgt	ccctgtctcc	cagagcctgg	agccaccaaa	gcacaagggc	agaaagggag	480
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<210> 3695
 <211> 803
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (479)...(684)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 3696
 <211> 917
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(918)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (679)...(388)

<223> similar to gi2879865 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3696

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<210> 3697

<211> 2094

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1589)

<223> similar to gil469169 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3697

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<210> 3698

<211> 2054

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1623)...(571)

<223> similar to gi2443338 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3698

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aggggtgctg	actcctggct	gcggtcagcc	ggctccgcct	cctccccctc	cgcaggcccc	1020
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tcggggcgct	ctgctctctg	ggcagggctg	tcagagttct	ccactccagg	gacgcggggc	1140
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atgagacggg	agcagagctt	tctctgggat	tccgactcct	catcccgcac	aggcatctgg	1320
taggacctcc	gtcgggtccc	ggagtcgcgt	gggggcgcgc	tggaggctgt	ggggacgttt	1380
ggcttcgctg	gggattcagg	ctccggaatc	ctggaggagg	gcgaggagtt	ctccaagcaa	1440
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ggggtaattc	tggcaagacg	gagctccttg	gcctgagtg	aggtcccttc	cagccaggag	1560
gaggaagccg	agcgtctgag	cccagcccca	ggggctccct	ccgctgtccg	cctttcaggg	1620
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ggggggcccc	cagccccacc	aggccggcgc	tccttgga	agtcctggag	ggaaatcttc	1860
tcgcgactgc	tcagacgaca	cacagagctc	cttctgtgtc	tgctgctaga	gggcgcttgg	1920
ggctcctggc	cccggctctg	gcaagtttct	ttttggttcc	gaaggctctc	gtgtttccgg	1980
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ccgatactca	gaag					2054

<210> 3699
 <211> 1202
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1203)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (53)...(825)
 <223> similar to gi5326919 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3699	
ccggtagaag	cccgaattc ttgtgtagac ccacgcgtcc gcggacgcgt ggggtgaaga 60
gcaggcccag	gagctgcccc cagggactgt gctcaccgg aactgcaccc gctgtgtctg 120
ccacgggtga	gccttcagct gctccctcgt tgactgtcag gagtgcctcc tggggaaacg 180

tggcagcagg	tggccccggg	ggagctgggg	ctctgcgagc	agacgtgcct	ggagatgaac	240
gccacaaaga	cccagagtaa	ctgcagttca	gctcgcgcct	cgggctgcgt	gtgccagccc	300
gggcacttcc	gcagccaggc	aggccctgct	gtccccgaag	accactgcga	gtgctggcac	360
cttgggcgct	cccacctgcc	tggatctgaa	tggcaggagg	cctgtgagag	ctgcctctgc	420
ctcagtggga	ggcctgtctg	cacccagcac	tgctccccac	tcacctgtgc	tcagggcgag	480
gagatggtgc	tggagccagg	gagctgctgt	ccctcttgcc	gcagggaggc	tccggaggag	540
cagtcgccct	cctgccagct	cctcacggag	cttcgaaaact	tcaccaaagg	gacctgttac	600
ctggaccagg	tagaagtgag	ctactgcagt	gggtactgcc	catccagcac	ccatgtcatg	660
ccagaggagc	catacctgca	gagccagtgt	gactgctgca	gctaccgtct	agacccggag	720
agccctgtgc	ggatcctgaa	cctgcgctgt	ctgggtggcc	acacagagcc	cgtggtgctg	780
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gttcttggtt	atttcatctc	ctatcatgca	tacttggtgg	tgtctggggg	agttgcacct	1020
agttcaaacc	ccagctcatc	tgtttccttt	gtttccttgc	tcagcctccc	tgacatcatc	1080
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnc	caattgggac	ccccagttgg	gaggccaggg	1140
ggaaaatttg	ggttaattgg	accccggaac	cttcgggggt	taggggaacc	ctcccccccc	1200
ct						1202

<210> 3700
 <211> 1738
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1502)
 <223> similar to gi2546979 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters.

<400> 3700						
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ctctcgaggg	gttgtgggtt	ttactgcgca	ggcgcaaaag	caagtcctct	tccgggcaaa	180
atggcgatgg	gactaatgtg	cggacgccgg	gagcttctgc	gcttgctaca	gtccgggctg	240
cgggtccaca	gcgtcgcagg	gccctcgcaa	tggcttggga	aaccgctgac	cacacggctc	300
ctattcccag	cagccccgtg	ctgctgtcgc	ccacactacc	tcttccttgc	ggcttccggc	360
ccccgcagcc	tcagtaacct	tgtatctctt	tttgagaag	tccaggttca	ggccccctct	420
gttgttgctg	caactccctc	acccacagca	gtacctgagg	tggcttctgg	agagactgca	480
gatgtagtcc	aaactgctgc	agagcagagc	ttcgtgaac	tggggctggg	gtcatacacc	540
ccagtgggac	tgatccagaa	tttactggaa	tttatgcatg	ttgatctggg	cctaccttgg	600
tggggggcca	ttgtgtcatg	tacagtcttt	gcccgtgcgc	tgatttttcc	tctcatcggt	660
acggggccag	gagaggcagc	caggatccac	aatcacttgc	cagagatcca	gaagtthtcc	720
agtcgaatca	gagaggccaa	gttagcagga	gaccatattg	agtattacaa	ggcttccctg	780
gagatggcac	tttaccagaa	aaaacatggt	attaaactct	ataaacctct	cattctccct	840
gtgactcagg	ccccaatctt	catctccttc	ttcattgctt	tgagagagat	ggccaacctt	900
cctgtgcccc	gcctgcagac	aggtggcctc	tgggtggttcc	aggatctcac	ggtatccgat	960
cccattctaca	tattaccact	ggcagtcact	gctacaatgt	gggctgttct	tgagctaggt	1020
gctgagacag	gtgtgcaaag	ttctgacctt	cagtggatga	gaaatgtcat	cagaatgatg	1080
cccctgataa	ccttgcccat	aaccatgcat	ttccccacgg	cagtgtttat	gtactggctc	1140


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tctccaatt tgttttcct ggtccaagta tctgtctcc ggattccagc agtacgcact 1200
gtacttaaaa tccccagcg tgtgtacat gacctggaca aattaccttc ccacggggaa 1260
gggctttcct agagagcttc aaaaaaggct ggaaaaatgc tgaaatgacg cgtcagctgc 1320
gagagcgtga acaacgcatg cggaatcagt tggagctagc agccaggggt cctttacgac 1380
agacctttac ccacaaccct ctctacaac ctggaaagga taacctccc aatatcccta 1440
gcagccagca gcagcagcag caaaccaaag tcaaagtatc cctggcacga cacacttggc 1500
tgacttatgt tctgtgcgca ttctggcagg aattctgtct cttcagagac tcatcctcaa 1560
aacaagactt gacactgtgt ccttgcccca gtcctaggaa ctgtggcaca cagagatggt 1620
cattttaaaa acggatttca tgaaacactc ttgtacttat gtttataaga gagcactggg 1680
tagccaagtg atcttcccat tcacagagtt agtaaacctc tgtactacaa aaaaaaaaa 1738

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<210> 3701
<211> 3561
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(3205)
<223> similar to gi3676530 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3701
atggatgctg cgggaagggg ctgccatttg ctgcccctgc cagcggcgcg cggacctgcc 60
cgcgctcctg cagccgcgcg cgccgcgcgc gccagccgcg ccggcccctg cagcggcgcc 120
gcctgcgctc cctccgcggc cgccggagcg ggcgccatga accccagctc ctcggcggga 180
gaggagaaag gggcgacggg cggcagcagc agcagcggaa gcggcgccgg gagctgctgc 240
ctgggcgccg agggcggcgc ggaccgcgcg ggcgcagggt cagccgcggc ggcgggggcc 300
gctgccctgg acgagccgcg ggccgcgcgc cagaaggaga aggacgaagc gctggaggag 360
aagctgagga acttaacttt ccggaagcag gtctcgtaca ggaaagcaat ctcccgggca 420
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aaggagccca gagcgacttt ggactggagt gagaatgccg tgaatggaga acacctgtgg 540
ctggagacca acgtctcggg gagacctctg ctaccttgga gaggagaact gccaagtcag 600
atctgcaaaa tcagctctca ggaggaagtg tgcagtctgt aaaattgtag ttccacaacc 660
gcctgcattg aggagctaga aaagattaat ttcagatgta aaccaacatt tcgagaaggg 720
aggctcaagg gtcaacaaga gaaaattttg tacgtcatca ctgggtgcac aggcgtcggc 780
aggaggggaa atgtaagcag tgtggttaagg gcttcagca aaagtctcc ttccacagta 840
aagagattgt ggctatcagc tgttcctggt gcaagcaggc gtttcacaat aaggtgacct 900
gcttcattgt gcatcacatt gaagaaccct gctccctggg ggctcatgct gctgttattg 960
tcccgcccac ttggatcatt aaggtgaaga aacctcagaa ctccctgaag gcttcaaate 1020
ggaagaagaa gagaacaagc tttaaaagaa aagccagtaa aagagggatg gaacaggaaa 1080
acaaaggtcg tctttttgtg ataaaaccca tctcttctcc tctcatgaaa cccttgcttg 1140
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ggtacctgaa tccacggcaa gtctttgate tttctcagga agggccaaaa gatgcgcttg 1260
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atgaacctgt ttctaagatc ctgtgtcaag tgggaagatg gacagttgta cagctagatc 1500
gctggaacct ccatgtggaa agaaaccccg acttgccctc agaagaactt gaagatggcg 1560
tatgtaagct ccctctgaat gttttcaata actacttcag ccttggaatt gatgcccatg 1620

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tcacactgga gttccatgaa tccagagaag caaatccaga gaaattcaac agtcgttttc 1680
gaaataaaat gttctatgca ggggcagctt tttctgactt cctacagaga agttctagag 1740
atctatccaa acatgtttaa gttgtttgtg atggaacaga tctcacccca aagattcagg 1800
aactgaagtt ccagtgtata gtatttttaa atatacccag atattgtgct ggcacaatgc 1860
cctggggaaa ccaggtgat caccatgatt tccaacctca gcgtcatgat gatggttata 1920
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agaggctaca ccagtgtcga gaagtcacgc ttctaactta caaatccatc cccatgcaag 2040
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ccaacatggt acagaagagc aagaggagaa catccatgcc ttactcaat gatccccagt 2160
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tctcagcaca gaggtctctt cctcgggtgg gcttctctaga tgacagatct cagggaacatt 2520
tgacttttgt gatggagatt tcccaagatg agatttttat tctggaccca gatatgggtg 2580
tgtcacagcc ggcggggaca cctccgggca tgctgacct ggtggtggaa caagcctcgg 2640
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ggatgatagc tccctattat gaggactcag atctgaaaga tctcagccac tcccgctgc 2760
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tgacaaggc tgctgccag cggaaccggg ctgtgtgcca gcttctggtg gatgcaggag 3060
catctctgag gaaagacgga ctccaagggt aagacacctc aagaaagagc acagcaggcc 3120
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ctaccaagat gtacaacaga acatgatagc ccattgagaa ggaggcagga tacctggaga 3420
tttgtggaat acagtagcga ttccacaaa tttgatcctt attgcttcca gcaagtagca 3480
tgaacttctg tgttcacctg tataatttat tttaaagatt caaaggatgt tcgtataaat 3540
ggcactgctc catcctccaa a 3561

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<210> 3702

<211> 2580

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2581)...(1593)

<223> similar to gi5731802 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3702

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gaataccatt aaacttcaaa gaatcttcgc ttgtgcttaa aaataatgct gtcaaattgc 60
ttcatacact ttataagact ttaggcaaga aacattacta atggtatcat aaataagtat 120
tataacttta ttaaaatgaa aagacaatat tcaaaataat gcaacaaaat gaataaaatc 180
ctttgtccaa tactgtacac ataatgcaga aatcagtgca tttttcttaa gcatgtttta 240

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accttcattt	agttcatact	aaaatataat	aagcttttaa	tagctcaa	aatattcagc	300
agtttaaact	gtaaacagct	tgtttaactg	ttaagagaac	attgcagtaa	tgtacctctg	360
ttagtgaagca	ccttctcttc	tgtgcttatc	tcttcaagat	aaatacatgg	aaggatgtga	420
aaatcgggaac	accaactatg	tgtctcactg	catctaagtg	aagcagccac	agctgtgaga	480
gttttcaaag	cagaaagatg	ctgatgtgac	ctctggaatt	cagacatact	gagctatggg	540
tcagaagtgt	tttacttaaa	aagcaaaca	tccccaggaa	atactgaata	ggaaccagca	600
acacaaggcc	agcttgtgtt	gtatgtttat	taatacagtc	taaaaaaaaa	agcaaaacca	660
caacacacat	cccaaaca	taactctcaa	tcacatagct	aattgcttca	ttatttttga	720
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tgaaacctgg	aagtatgagg	ccttggtatg	atttttaacc	taagcaggta	cacccatggg	1020
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ttctgatcta	aacaatactg	tatcttcttc	catttgctca	attttcagtc	tatcaggact	1200
catttctcca	gcttgagttt	attattctga	atatatatta	ctctacgata	gtaactaatt	1260
ggttaacctg	cagctatggg	ctatggttat	accacaagtt	tatatatagg	tatgtaatgt	1320
atgcatatat	aaaaagcttc	cccatcctcc	cctccccacc	atcacatctt	taaattatag	1380
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aacctctgct	gaaccatgac	cccaaggctc	aaggagtccc	cacataggat	aatgttttac	1620
gcttcacgtg	gccacccaga	tccatttttg	tttttgagtc	tggcttttct	gtggctgaag	1680
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caaagctctg	tgtcgggggc	atgaccccat	tgaggtaaga	cgggaaggctt	ttgggactcg	1980
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gtctaggagg	tatgggaact	ctggggggaa	cctcagggtt	gtcttcatcg	gagttaggag	2160
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gaattccacc	tcacagtctg	tgtcatccag	agagagggct	tcagagattg	gcaacgggtg	2520
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<210> 3703

<211> 2903

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2904)...(1735)

<223> similar to gi5262591 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3703

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aatggctgcc	agttttccat	agagtcacct	ttgtgtcaca	gccctgcaac	actttgtaca	180
ctcttttggg	atacaacatg	cccatctccc	cgacaagaca	gagctccaga	ggacgggaac	240
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gccaacaggt	tcccagtttc	aactaagttt	aacaaacttt	aaccagcaga	actccagggtg	360
ccagagttga	aaagcccaag	ggtgcagagc	actcactccc	taccattttt	cagcacctaa	420
aatatgaaag	gtattcaaag	tatgtgtcca	gtgctttttc	ataagactac	tgtgtttcag	480
caaaggtgtg	gactgagcca	cttagtggca	gggaacaaac	accccagagc	tgacaagaca	540
cttggtaggg	aacttggttg	tgtggttcca	tctcactgga	ctctccaaca	atccttgggtg	600
atcccagaga	ttcctgtgac	atgagggaaat	gtggcatttt	caagatgtca	cttgtcaact	660
aacagcaatc	gtcgatgaaa	atgggttcac	ttctgattcc	agaagcttca	gagcagtagt	720
gcatagtgtg	tggatactac	ccgcccccca	gcctagcaaa	ttgcctgggtg	agcggccatc	780
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tttctgatg	gaatccagct	gtgttttggg	gtcaactccc	atgaaaaatt	gggtgtctta	960
ttgcataacc	aacactgtta	aatggaggaa	ggtcatagga	agagggagca	tgtgtttgtg	1020
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ggtgaggtga	agagtttaca	tgttcttttt	ggctttctgg	ggcttaagaa	aaaacccagg	1140
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gtaaaaaagg	aaaacttaaa	ttaaaagcga	tacattgtaa	gaacattaac	tacagtaaac	1260
acagattact	aattcctttc	ttgtaacaca	agtataattg	tgctatagct	gatgtgtatt	1320
tgtggcttac	acttgggtgag	ccctcatgtg	ctggccatca	gttctaagtg	cttcacattt	1380
atltatttaa	tcctcagaaa	agccctctga	ggtaggtgat	gcccatttta	cagataagga	1440
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<210> 3704

<211> 1738
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1739)...(1512)
 <223> similar to gil041038 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3704

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ctttgataac	agaaaataat	taattagcat	ttaatgtagt	taacatattg	tggtaaaagc	480	
accattagat	ttgttttttt	gttttttttt	tttaatttcc	ttcagttttt	aaagggatac	540	
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<210> 3705
 <211> 1740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1741)
 <223> n = a,t,c or g

```

<220>
<221> misc_feature
<222> (212)...(819)
<223> similar to gi4107015 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3705

```

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cctctggcct gcagtcggcc acccaccccc caggagggac ggagccacca cggccccgag      180
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cctccatgac ccccgatgcc aaacacctgt ggctggagtt cagccacccc gtggagagcc      360
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gctgccgggc caagttcccg ctgttctcgt ggccgcccag ctgtctcttc tgcaagagag      540
ccgtctgcac ttctgtagc ataaagatga agatgccttc taagaaattt ggacacatcc      600
ctgtctacac actgggcttt gagagtcctc agagggtatc agctgccaaa accgcgccaa      660
tccagagaag agacatcttt cagtctctgc aagggccaca gtggcagagc gtggaggagg      720
cgttccccca catctactcc caccgctgtg tcctgaagga tgtctgcagt gagtgcacca      780
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```

<210> 3706
<211> 3115
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3110)...(557)
<223> similar to gi6002714 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400>	3706					
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<210> 3707
 <211> 3977
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(1940)
 <223> similar to gi4240183 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3707

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<210> 3708
 <211> 2215
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (2217)...(2020)
 <223> similar to gil9917 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 3709
<211> 1555
<212> DNA
<213> Homo sapiens

<220>
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      Run with FASTXY 3.3t00, default parameters
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